

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007575.D
 Acq On : 15 Feb 2019 18:24
 Operator : JC/SP
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Feb 16 03:42:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	80094	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	426336	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	376489	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	154684	29.86	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.53%
60) 4-Bromofluorobenzene	11.13	95	175549	30.38	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	101.27%
63) Toluene-d8	8.71	98	514566	30.24	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	81889	20.190	ug/l 100
3) Chloromethane	1.33	50	89927	20.174	ug/l 100
4) Vinyl Chloride	1.41	62	103220	20.587	ug/l 98
5) Bromomethane	1.64	94	79801	17.823	ug/l 100
6) Chloroethane	1.73	64	66987	19.654	ug/l 98
7) Trichlorofluoromethane	1.93	101	159784	20.330	ug/l 97
8) Diethyl Ether	2.19	74	61681	19.646	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	90586	20.428	ug/l 99
10) 1,1-Dichloroethene	2.38	96	89342	20.304	ug/l 94
11) Methyl Iodide	2.51	142	116249	18.382	ug/l 98
12) Methyl Acetate	2.78	43	116952	19.273	ug/l 98
13) Acrolein	2.30	56	105570	99.732	ug/l 97
14) Acrylonitrile	3.15	53	270018	96.572	ug/l 99
15) Acetone	2.45	58	78469	103.411	ug/l 90
16) Carbon Disulfide	2.57	76	229152	19.638	ug/l 100
17) Allyl chloride	2.73	41	155823	20.669	ug/l 98
18) Methylene Chloride	2.86	84	98835	19.973	ug/l 94
19) trans-1,2-Dichloroethene	3.17	96	93279	19.820	ug/l 93
20) Diisopropyl ether	3.87	45	281094	19.729	ug/l 97
21) 1,1-Dichloroethane	3.70	63	157588	19.729	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	104761	20.002	ug/l 97
23) tert-Butyl Alcohol	3.07	59	115914	98.634	ug/l 100
24) Methyl tert-Butyl Ether	3.20	73	302659	19.820	ug/l 99
25) Chloroform	5.22	83	166818	19.774	ug/l 96
26) Cyclohexane	5.58	56	133818	19.979	ug/l # 99
29) 1,1-Dichloropropene	5.80	75	121235	20.386	ug/l 98
30) 2-Butanone	4.70	43	356194	101.210	ug/l 100
31) 2,2-Dichloropropane	4.59	77	115624	23.931	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	140447	19.759	ug/l 99
33) Carbon Tetrachloride	5.78	117	122948	19.567	ug/l 95
34) Benzene	6.14	78	373626	19.929	ug/l 96
35) Methacrylonitrile	5.06	41	71806	19.623	ug/l 96
36) 1,2-Dichloroethane	6.20	62	123993	19.434	ug/l 99
37) Trichloroethene	7.21	130	108948	20.213	ug/l 98
38) Methylcyclohexane	7.46	83	144060	20.926	ug/l 99
39) 1,2-Dichloropropane	7.52	63	92396	19.814	ug/l 100
40) Dibromomethane	7.66	93	64629	19.190	ug/l 91

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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	115116	19.261	ug/l	98
42) Vinyl Acetate	3.82	43	1251386	101.585	ug/l	100
44) Isopropyl Acetate	6.46	43	207565	19.947	ug/l	100
45) 1,4-Dioxane	7.75	88	47028	382.939	ug/l	97
46) Methyl methacrylate	7.77	41	105836	20.085	ug/l	93
47) n-amyl Acetate	10.90	43	183636	20.022	ug/l	97
48) t-1,3-Dichloropropene	9.04	75	119986	19.447	ug/l	97
49) cis-1,3-Dichloropropene	8.43	75	137699	20.042	ug/l	99
50) 1,1,2-Trichloroethane	9.21	97	97102	19.774	ug/l	96
51) Ethyl methacrylate	9.18	69	145192	20.395	ug/l	100
52) 1,3-Dichloropropane	9.37	76	160925	20.317	ug/l	99
53) Dibromochloromethane	9.58	129	97754	19.139	ug/l	99
54) 1,2-Dibromoethane	9.67	107	106432	19.794	ug/l	99
55) 2-Chloroethyl vinyl ether	8.31	63	377062	104.177	ug/l	99
56) Bromoform	10.86	173	71977	18.683	ug/l	100
58) 4-Methyl-2-Pentanone	8.65	43	695038	102.635	ug/l	100
59) 2-Hexanone	9.49	43	535484	104.104	ug/l	99
61) Tetrachloroethene	9.34	164	110079	20.596	ug/l	98
62) Toluene	8.79	91	412775	20.131	ug/l	99
64) Chlorobenzene	10.14	112	269707	20.241	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.22	131	94847	19.652	ug/l	98
66) Ethyl Benzene	10.25	91	434534	19.971	ug/l	100
67) m/p-Xylenes	10.36	106	336676	39.450	ug/l	98
68) o-Xylene	10.70	106	165971	19.940	ug/l	99
69) Styrene	10.71	104	268859	20.017	ug/l	99
70) Isopropylbenzene	11.02	105	440553	20.063	ug/l	98
71) 1,1,2,2-Tetrachloroethane	11.27	83	149086	20.538	ug/l	97
72) 1,2,3-Trichloropropane	11.29	75	164437	24.776	ug/l	90
73) Bromobenzene	11.26	156	121637	20.289	ug/l	99
74) n-propylbenzene	11.36	91	492591	20.203	ug/l	99
75) 2-Chlorotoluene	11.42	91	296204	20.318	ug/l	98
76) 1,3,5-Trimethylbenzene	11.51	105	357340	19.935	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	38835	20.271	ug/l	91
78) 4-Chlorotoluene	11.51	91	336496	20.222	ug/l	99
79) tert-butylbenzene	12.06	119	380932	20.013	ug/l	99
80) 1,2,4-Trimethylbenzene	11.80	105	366856	20.161	ug/l	100
81) sec-Butylbenzene	11.94	105	428677	20.026	ug/l	98
82) p-Isopropyltoluene	12.06	119	380932	20.013	ug/l	99
83) 1,3-Dichlorobenzene	12.02	146	207617	19.699	ug/l	97
84) 1,4-Dichlorobenzene	12.10	146	209842	19.952	ug/l	98
85) n-Butylbenzene	12.38	91	312986	19.816	ug/l	99
86) Hexachloroethane	12.60	117	60638	19.189	ug/l	96
87) 1,2-Dichlorobenzene	12.39	146	209265	19.782	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	28572	18.861	ug/l	98
89) 1,2,4-Trichlorobenzene	13.65	180	139090	20.020	ug/l	99
90) Hexachlorobutadiene	13.78	225	68378	21.065	ug/l	99
91) Naphthalene	13.83	128	436407	19.695	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	141508	20.036	ug/l	98

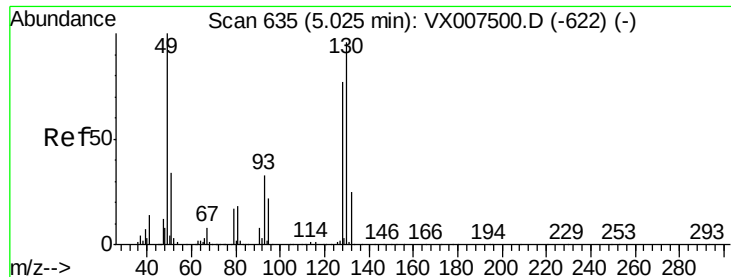
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :

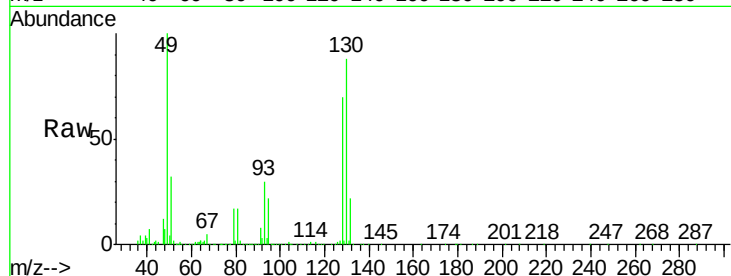
Tot Ion:128 Resp: 80094

Ion Ratio Lower Upper

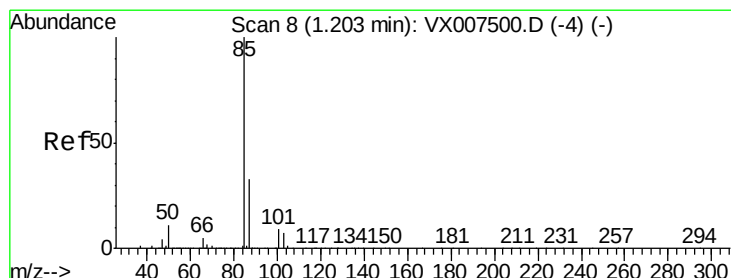
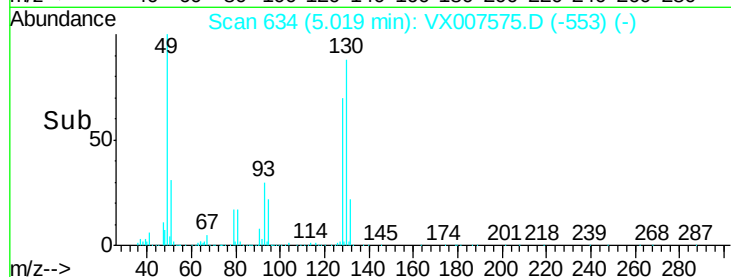
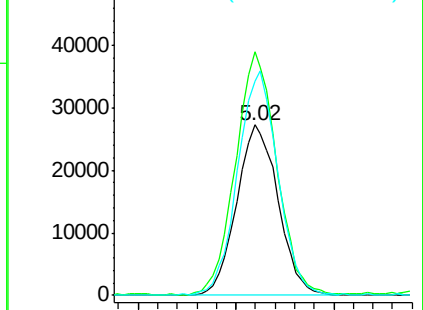
128 100

49 141.2 0.0 350.8

130 128.1 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 49.00 (48.70 to 49.70): VX0
Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 20.190 ug/l

RT: 1.20 min Scan# 8

Delta R.T. -0.00 min

Lab File: VX007575.D

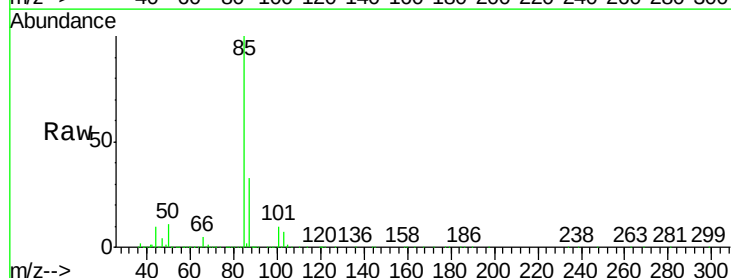
Acq: 15 Feb 2019 18:24

Tgt Ion: 85 Resp: 81889

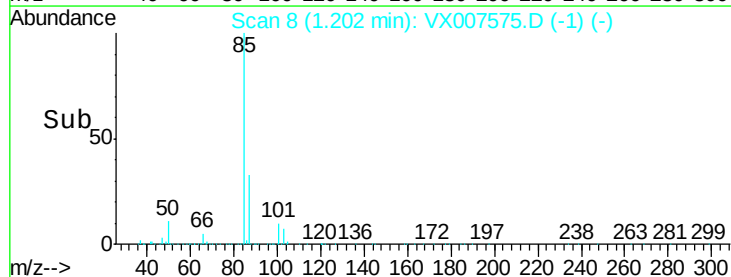
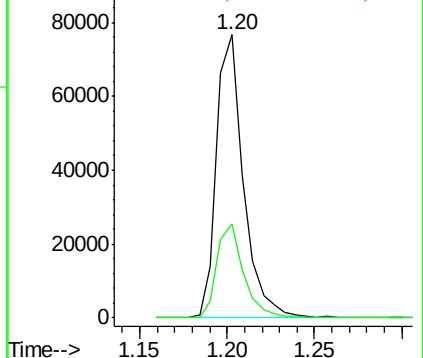
Ion Ratio Lower Upper

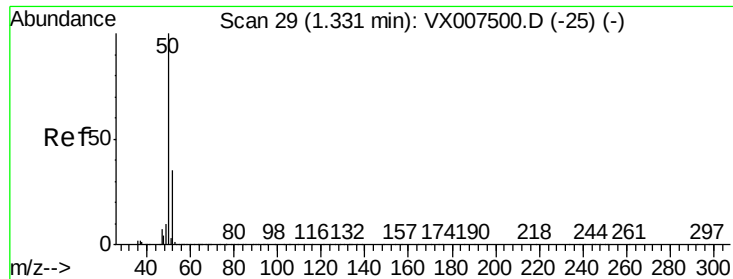
85 100

87 33.3 16.6 49.8



Abundance Ion 85.00 (84.70 to 85.70): VX0
Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 20.174 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

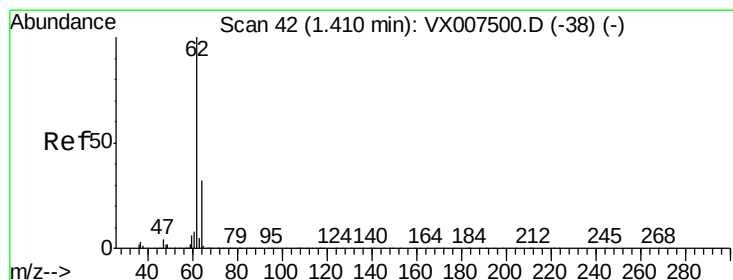
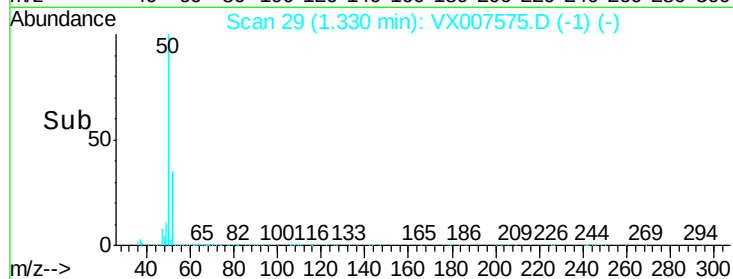
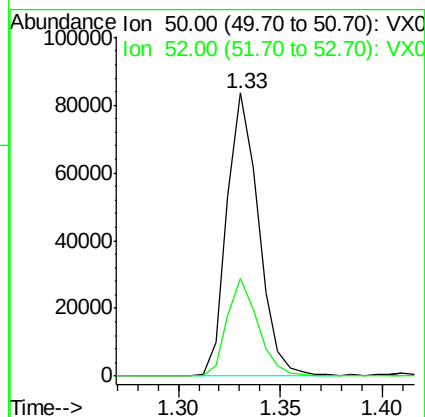
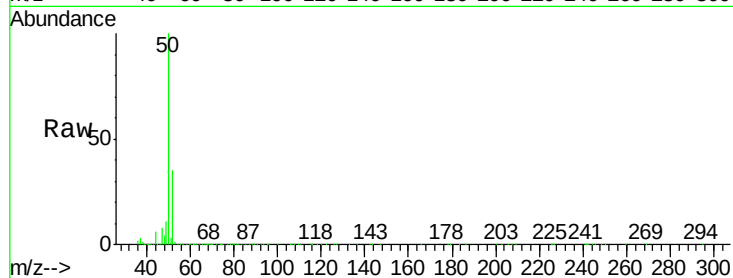
ClientSampleId :

Tot Ion: 50 Resp: 89927

Ion Ratio Lower Upper

50 100

52 34.3 27.5 41.3



#4

Vinyl Chloride

Concen: 20.587 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007575.D

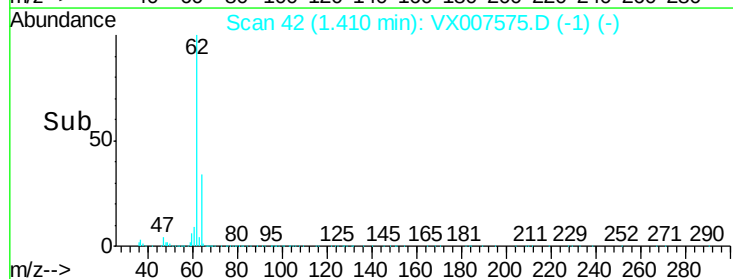
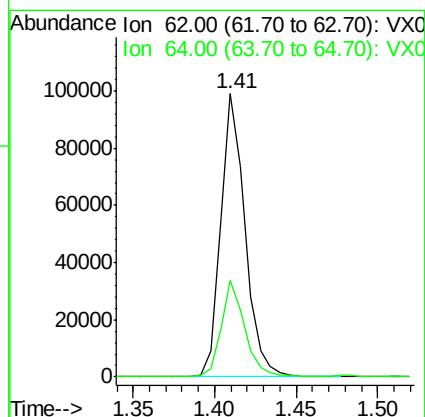
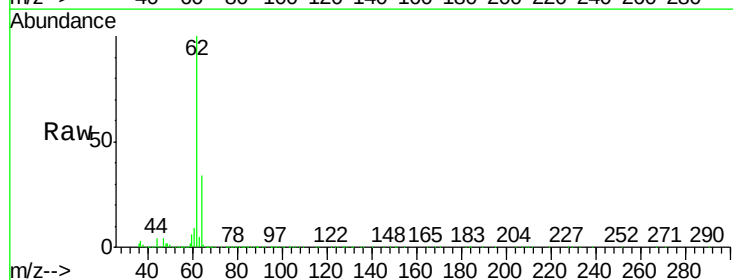
Acq: 15 Feb 2019 18:24

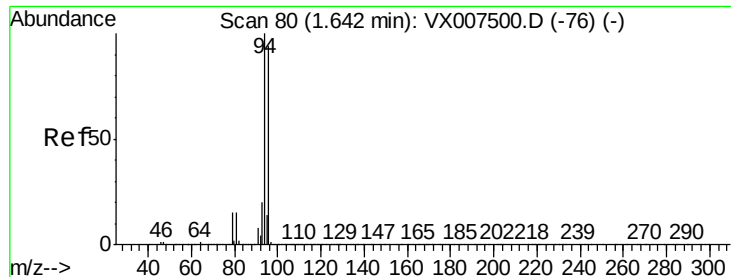
Tgt Ion: 62 Resp: 103220

Ion Ratio Lower Upper

62 100

64 33.6 25.9 38.9





#5

Bromomethane

Concen: 17.823 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

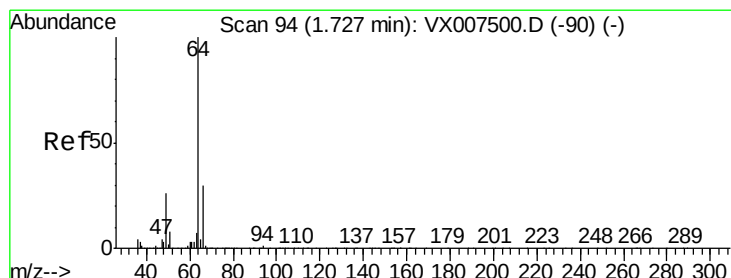
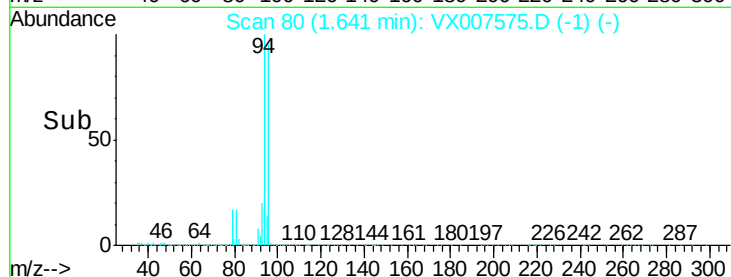
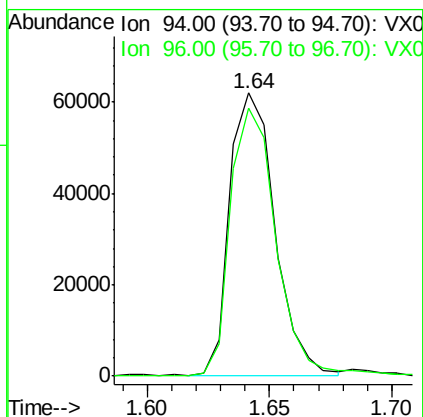
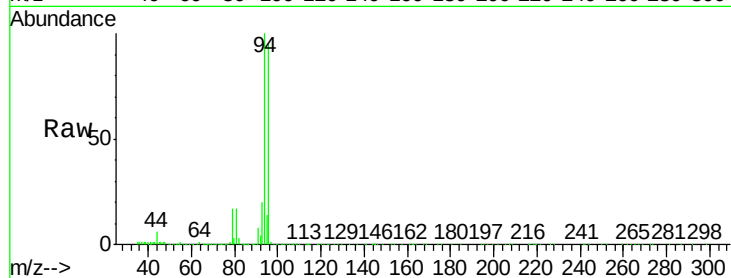
ClientSampleId :

Tot Ion: 94 Resp: 79801

Ion Ratio Lower Upper

94 100

96 94.7 75.6 113.4



#6

Chloroethane

Concen: 19.654 ug/l

RT: 1.73 min Scan# 94

Delta R.T. -0.00 min

Lab File: VX007575.D

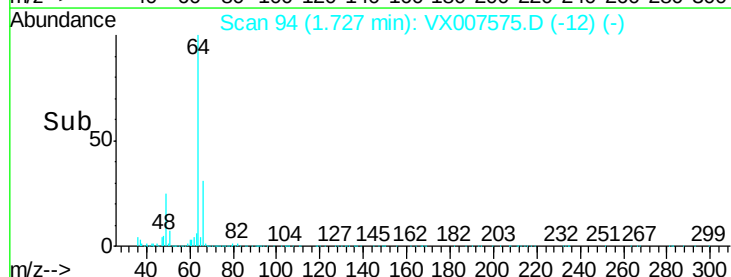
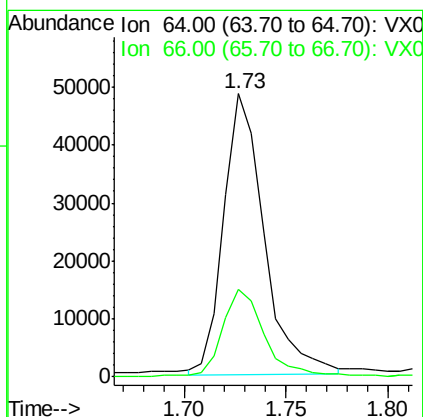
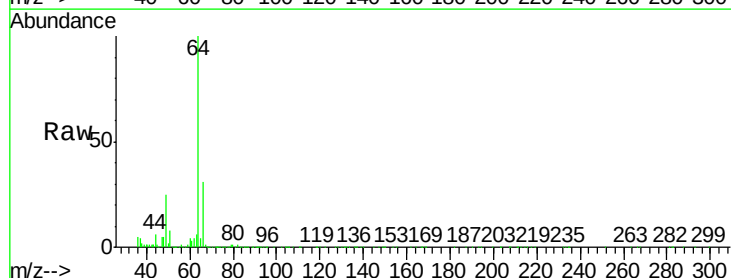
Acq: 15 Feb 2019 18:24

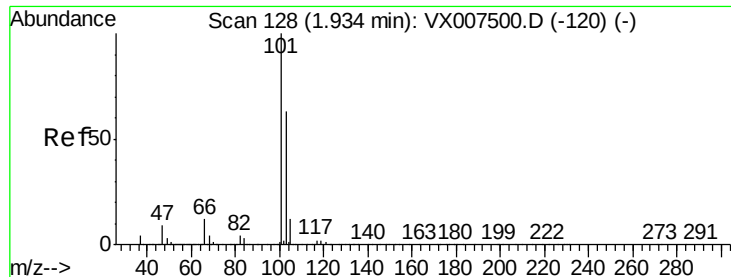
Tgt Ion: 64 Resp: 66987

Ion Ratio Lower Upper

64 100

66 30.9 23.9 35.9



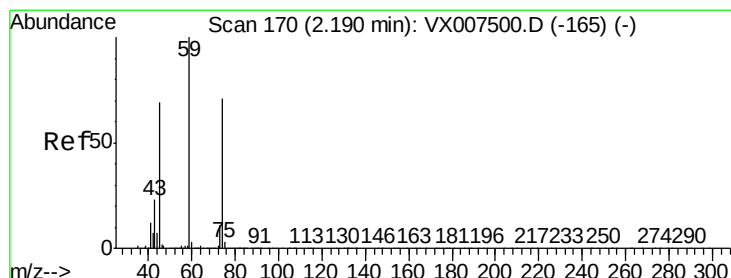
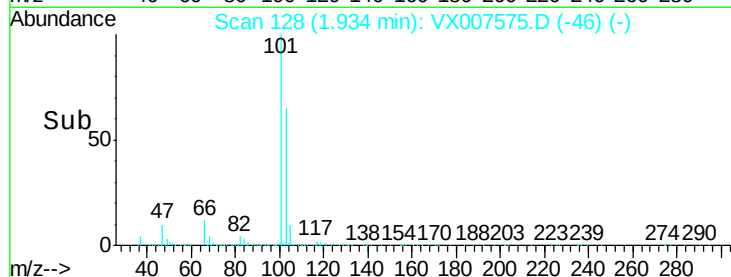
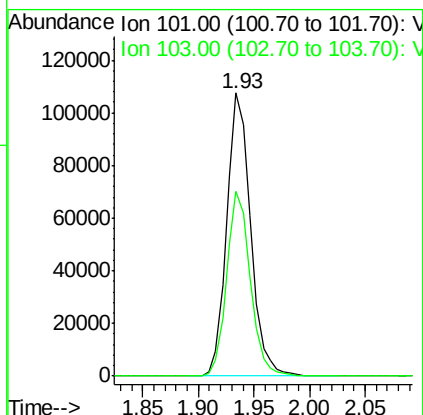
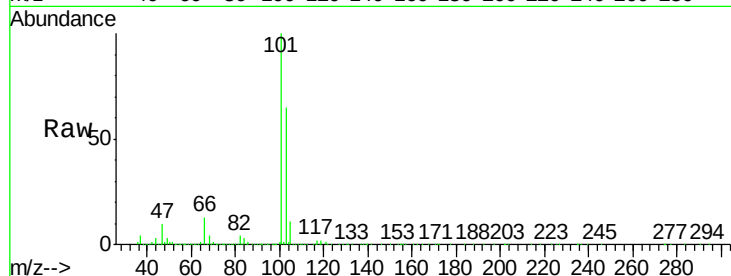


#7

Trichlorofluoromethane
Concen: 20.330 ug/l
RT: 1.93 min Scan# 128
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :

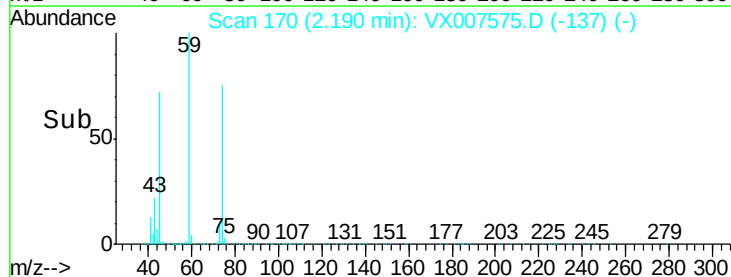
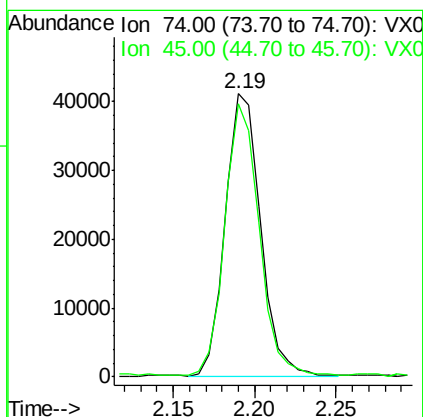
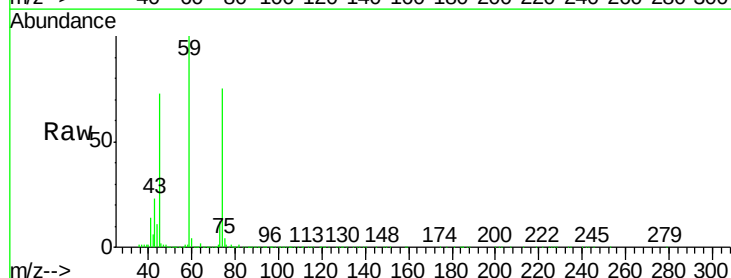
Tot Ion:101 Resp: 159784
Ion Ratio Lower Upper
101 100
103 65.5 50.4 75.6

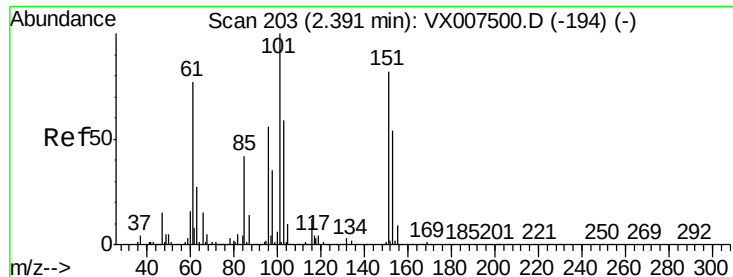


#8

Diethyl Ether
Concen: 19.646 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion: 74 Resp: 61681
Ion Ratio Lower Upper
74 100
45 93.6 18.6 167.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.428 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

ClientSampled :

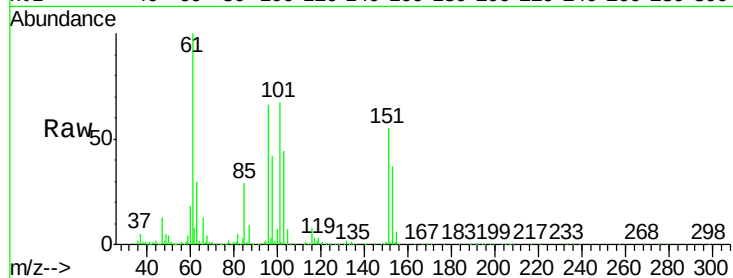
Tot Ion:101 Resp: 90586

Ion Ratio Lower Upper

101 100

85 42.6 0.0 86.8

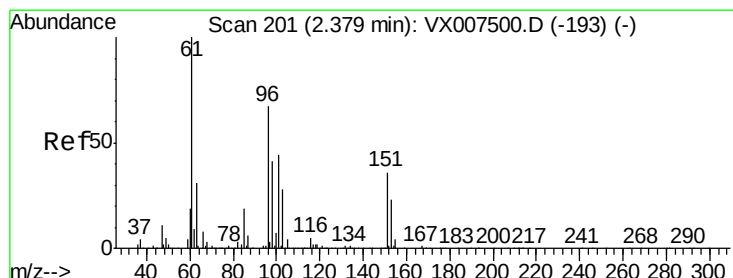
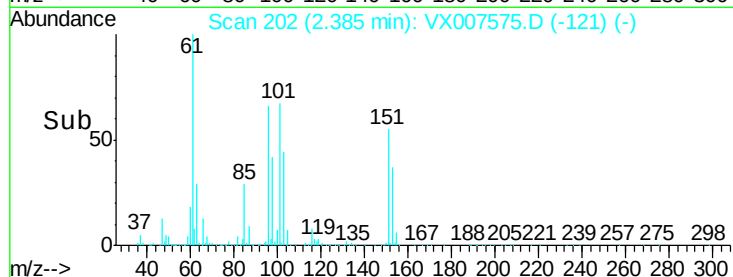
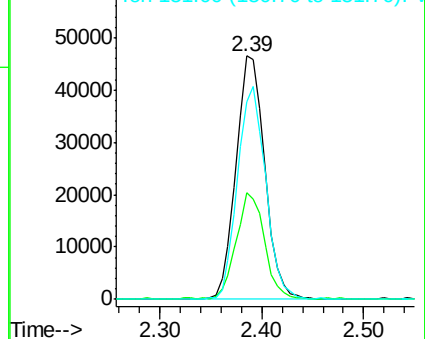
151 85.9 0.0 169.2



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VX0

Ion 151.00 (150.70 to 151.70): V



#10

1,1-Dichloroethene

Concen: 20.304 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

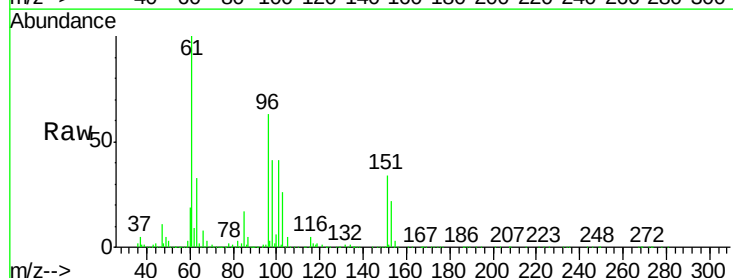
Tgt Ion: 96 Resp: 89342

Ion Ratio Lower Upper

96 100

61 158.5 120.2 180.2

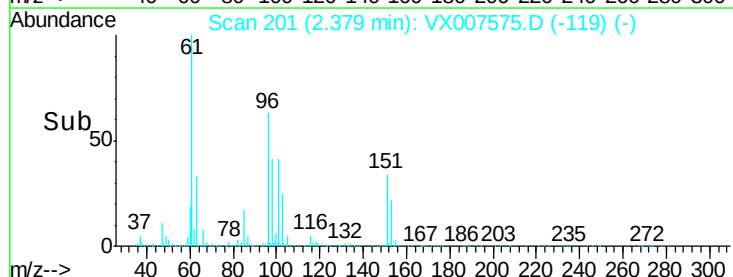
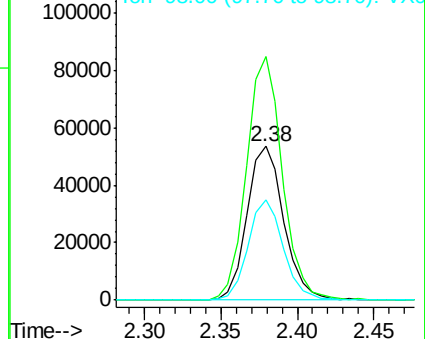
98 65.2 49.0 73.4

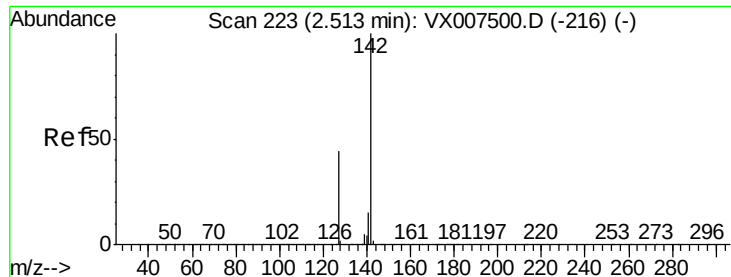


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

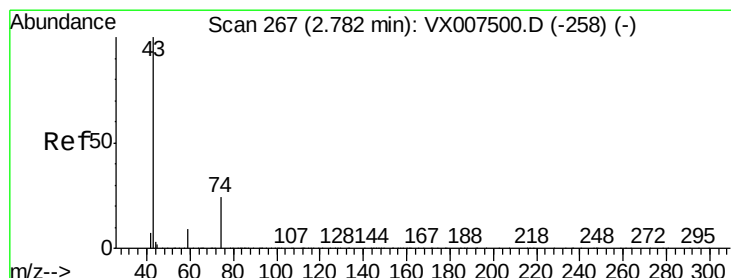
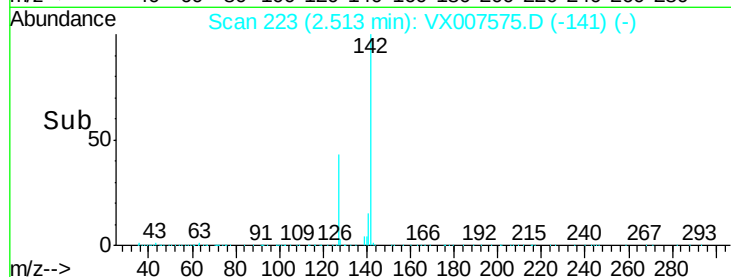
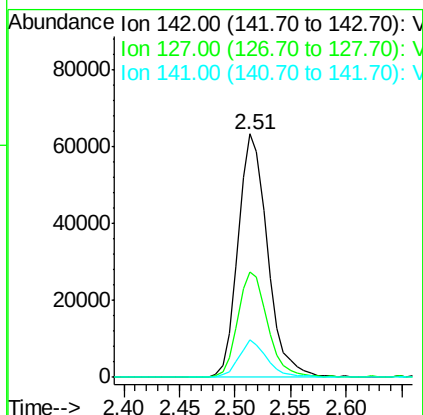
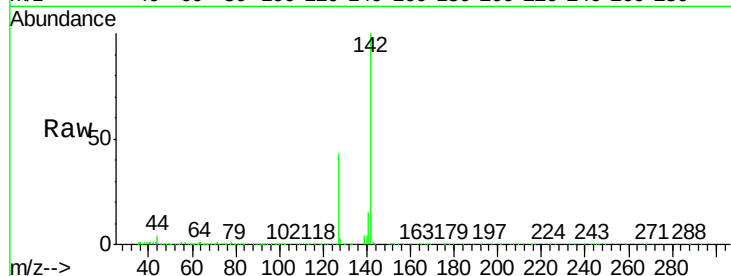




#11
Methvl Iodide
Concen: 18.382 ug/l
RT: 2.51 min Scan# 223
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

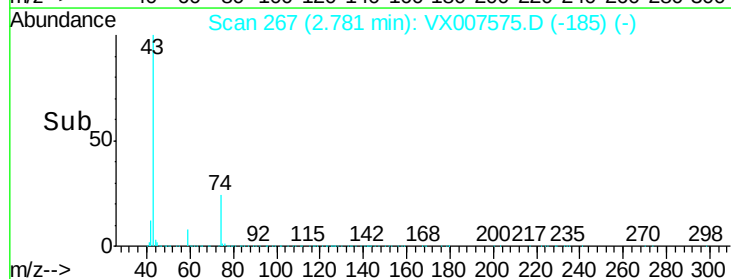
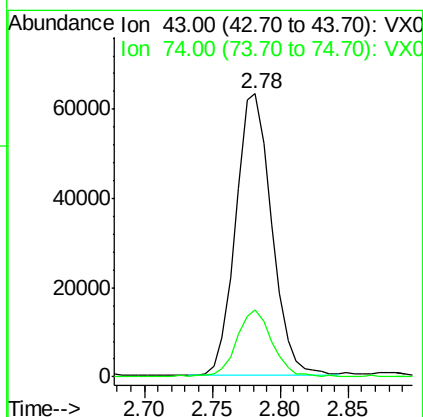
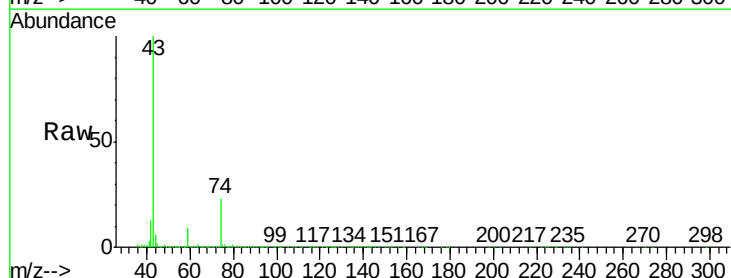
Instrument :
MSVOA_W
ClientSampleId :

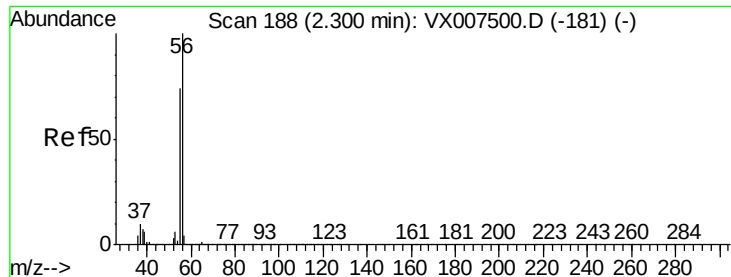
Tot Ion:142 Resp: 116249
Ion Ratio Lower Upper
142 100
127 43.2 22.1 66.5
141 15.4 7.4 22.3



#12
Methyl Acetate
Concen: 19.273 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion: 43 Resp: 116952
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.0





#13

Acrolein

Concen: 99.732 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

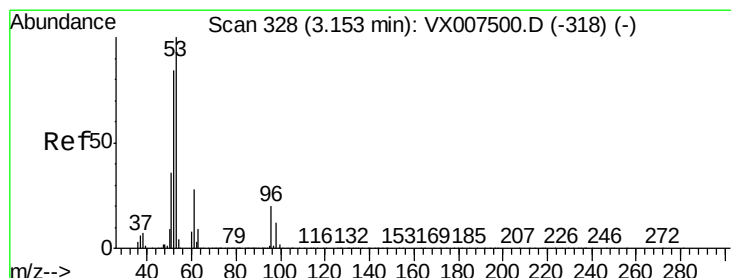
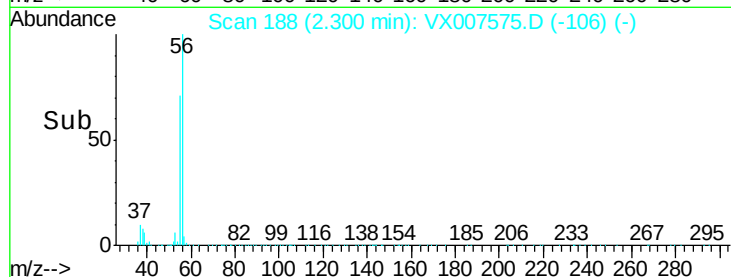
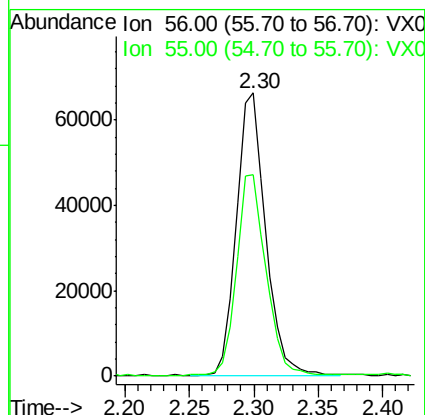
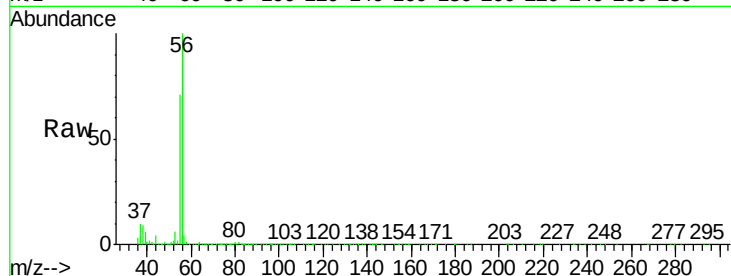
ClientSampleId :

Tot Ion: 56 Resp: 105570

Ion Ratio Lower Upper

56 100

55 70.9 58.6 87.8



#14

Acrylonitrile

Concen: 96.572 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

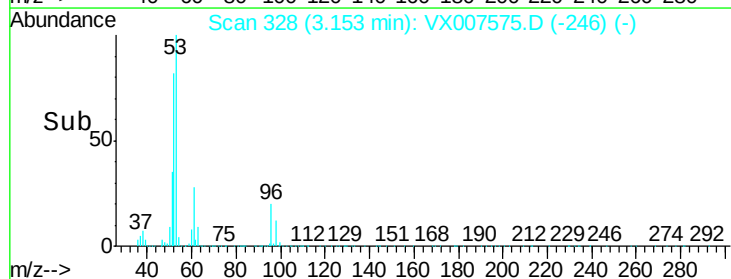
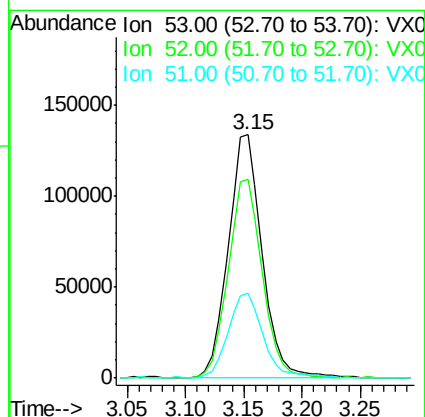
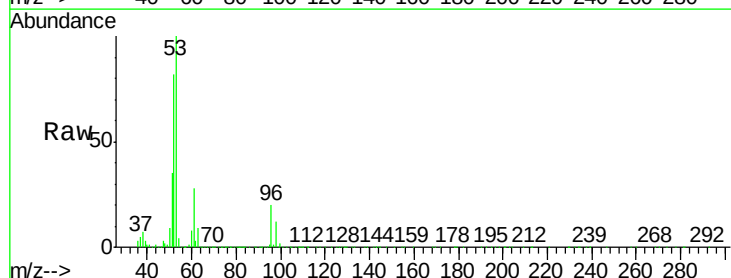
Tgt Ion: 53 Resp: 270018

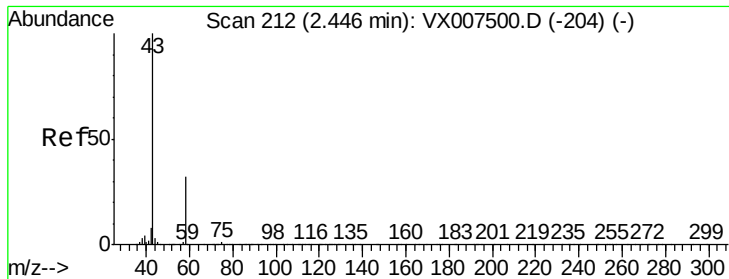
Ion Ratio Lower Upper

53 100

52 82.7 41.3 124.1

51 36.2 17.5 52.6

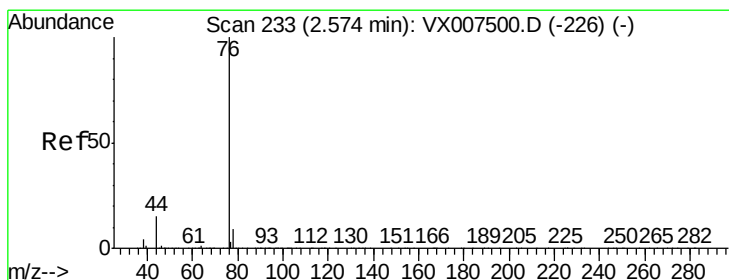
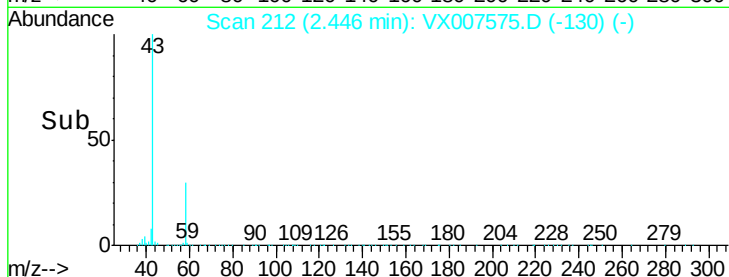
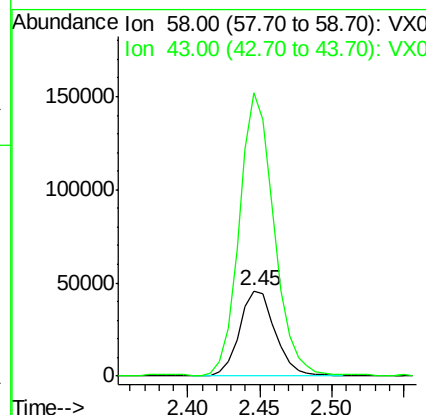
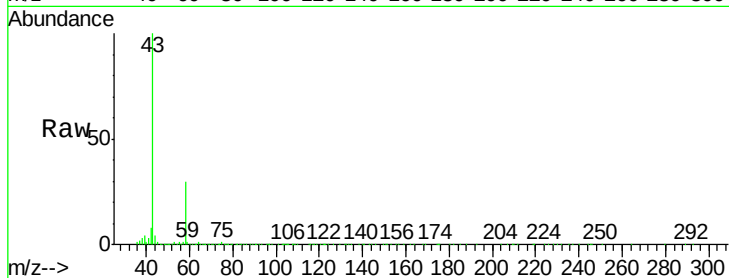




#15
Acetone
Concen: 103.411 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

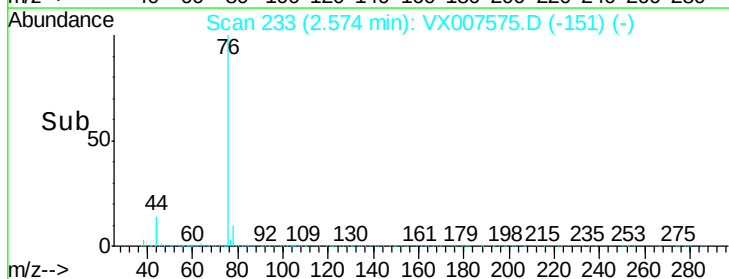
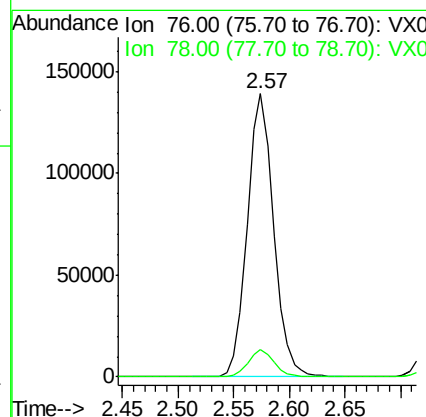
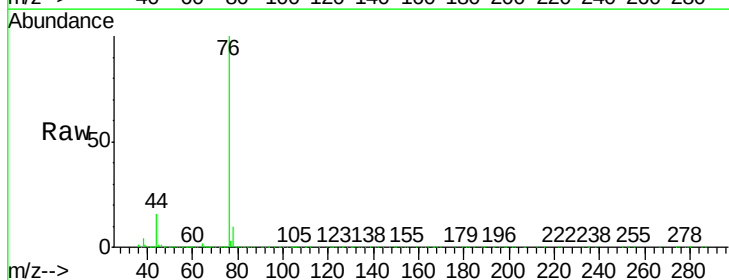
Instrument :
MSVOA_W
ClientSampleId :

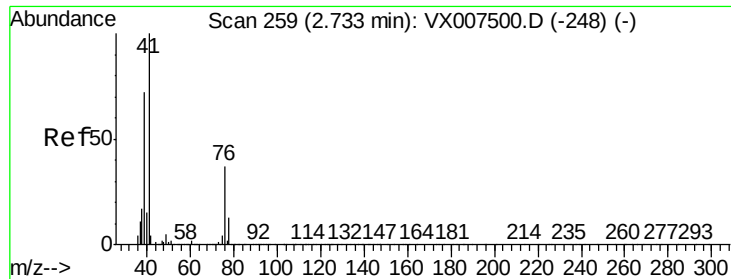
Tot Ion: 58 Resp: 78469
Ion Ratio Lower Upper
58 100
43 331.9 249.8 374.6



#16
Carbon Disulfide
Concen: 19.638 ug/l
RT: 2.57 min Scan# 233
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion: 76 Resp: 229152
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3

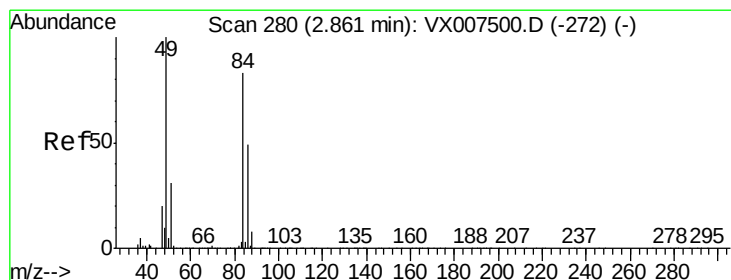
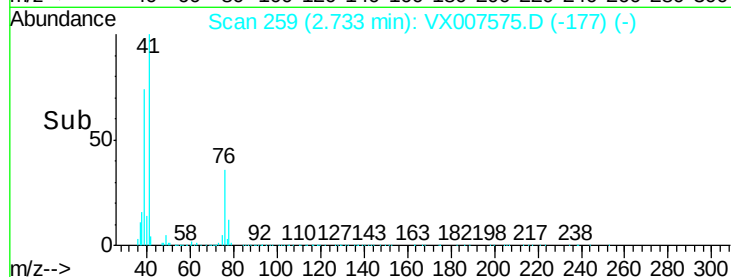
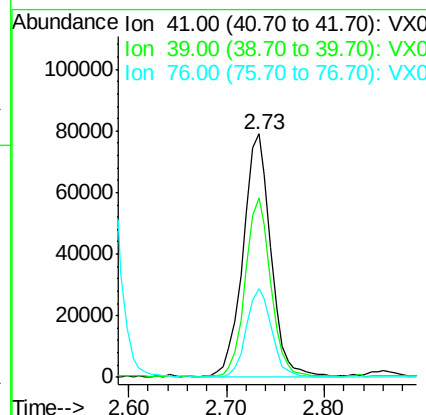
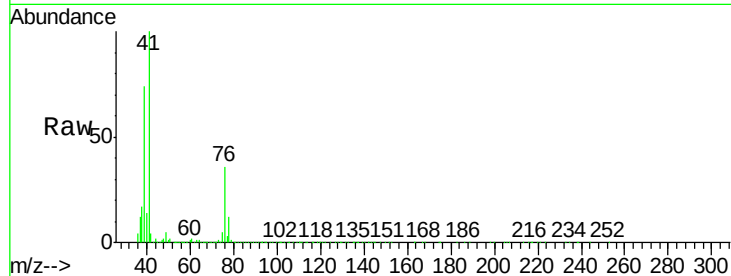




#17
Allvl chloride
Concen: 20.669 ug/l
RT: 2.73 min Scan# 259
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

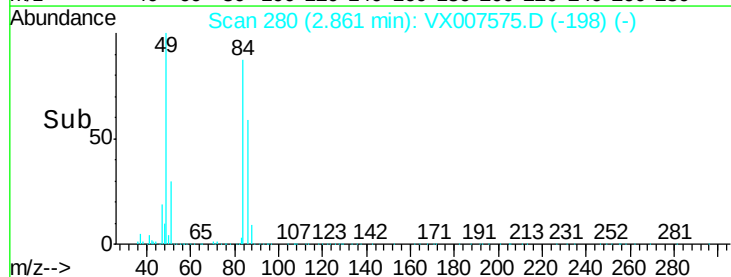
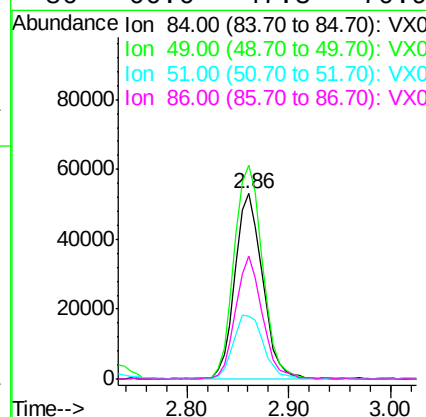
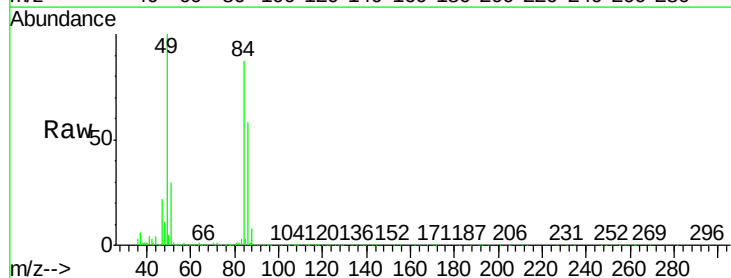
Instrument :
MSVOA_W
ClientSampleId :

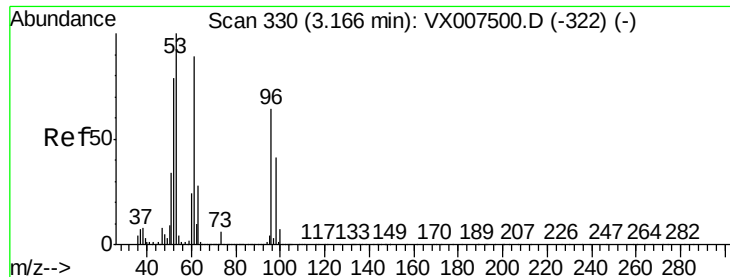
Tot Ion: 41 Resp: 155823
Ion Ratio Lower Upper
41 100
39 73.6 35.8 107.4
76 36.3 18.3 54.9



#18
Methylene Chloride
Concen: 19.973 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion: 84 Resp: 98835
Ion Ratio Lower Upper
84 100
49 115.1 96.1 144.1
51 33.9 29.1 43.7
86 66.6 47.3 70.9





#19

trans-1,2-Dichloroethene

Concen: 19.820 ug/l

RT: 3.17 min Scan# 331

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampled :

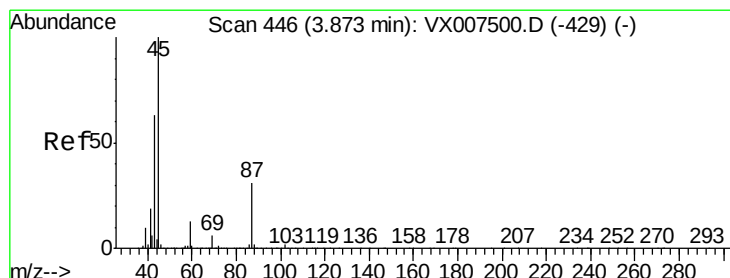
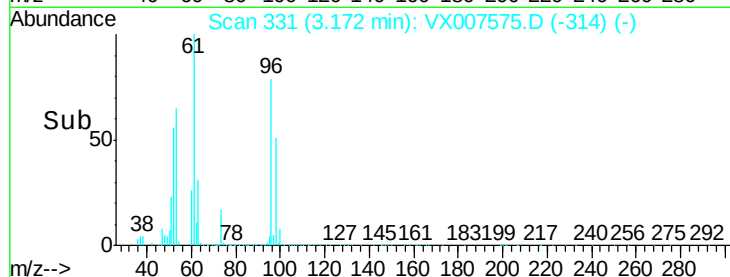
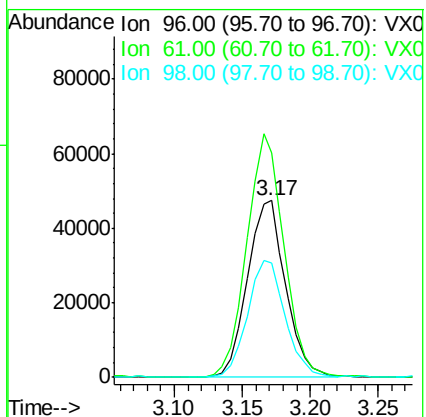
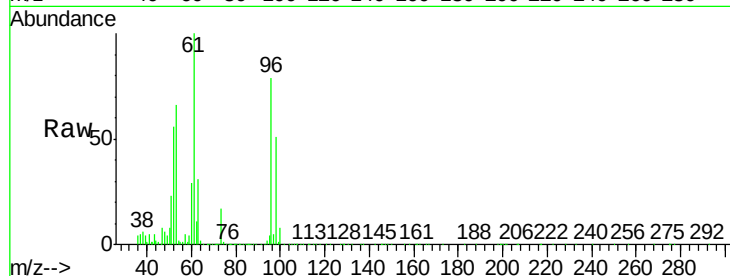
Tot Ion: 96 Resp: 93279

Ion Ratio Lower Upper

96 100

61 126.7 109.9 164.9

98 64.8 50.4 75.6



#20

Diisopropyl ether

Concen: 19.729 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion: 45 Resp: 281094

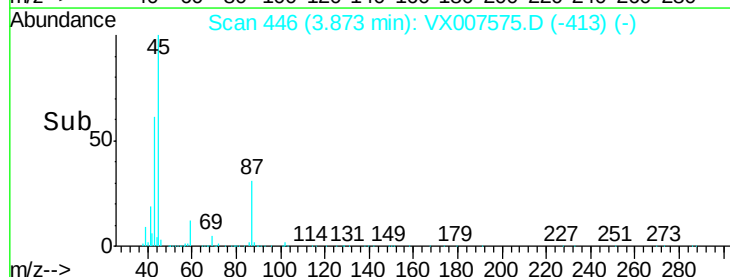
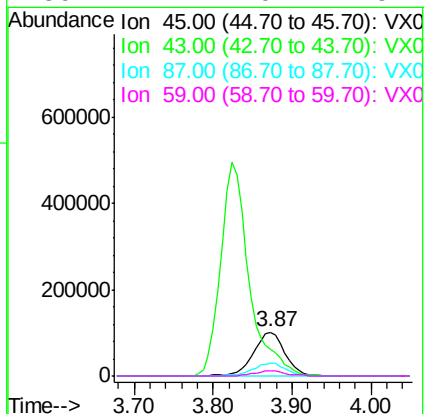
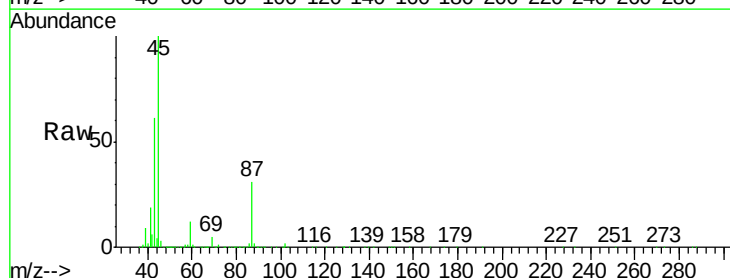
Ion Ratio Lower Upper

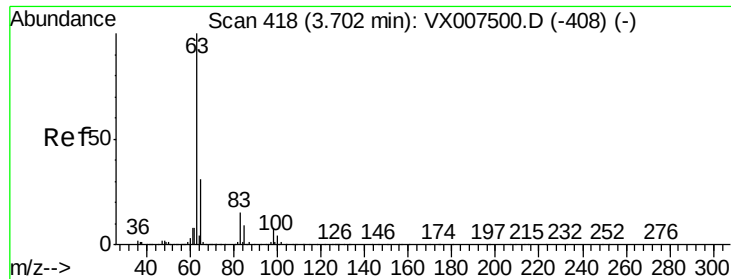
45 100

43 60.1 50.6 76.0

87 30.5 24.5 36.7

59 11.7 10.2 15.2





#21

1,1-Dichloroethane

Concen: 19.729 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :

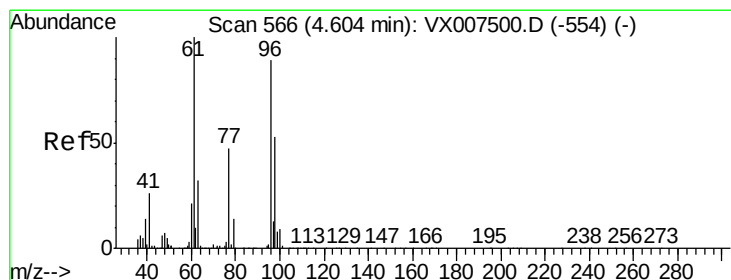
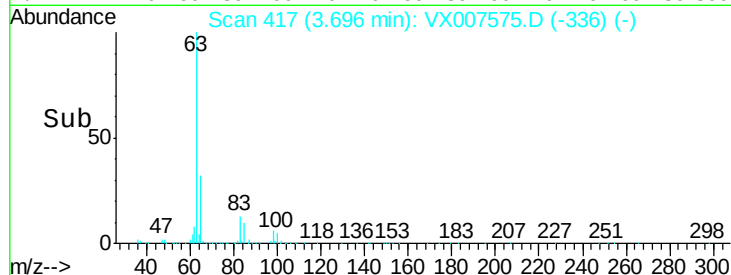
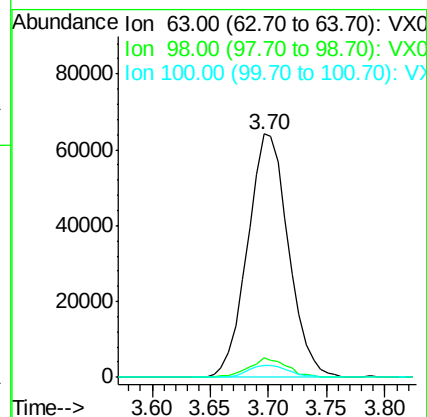
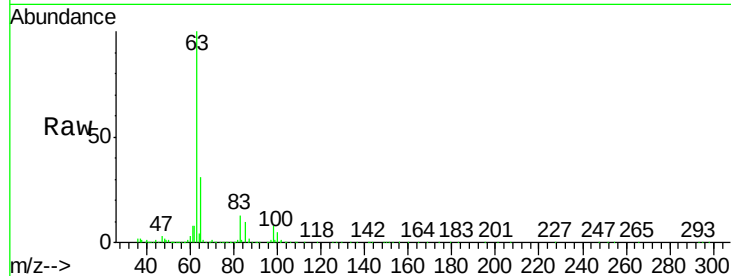
Tot Ion: 63 Resp: 157588

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 5.1 2.4 7.1



#22

cis-1,2-Dichloroethene

Concen: 20.002 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

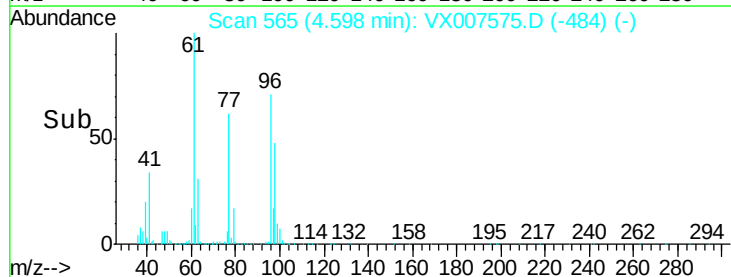
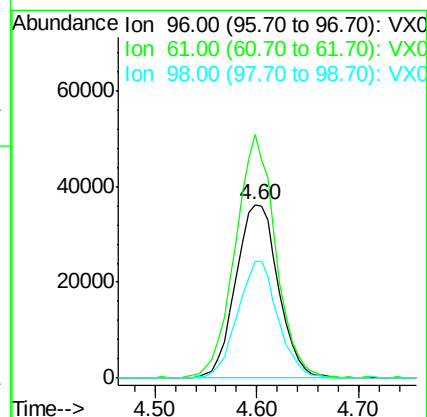
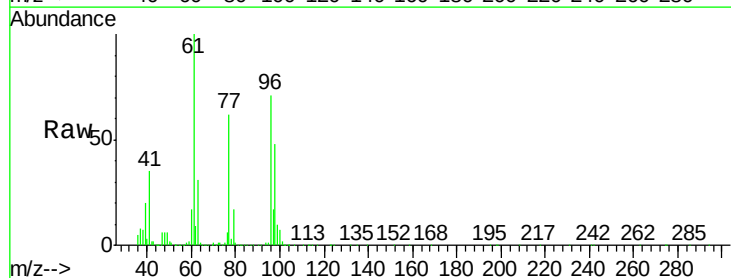
Tgt Ion: 96 Resp: 104761

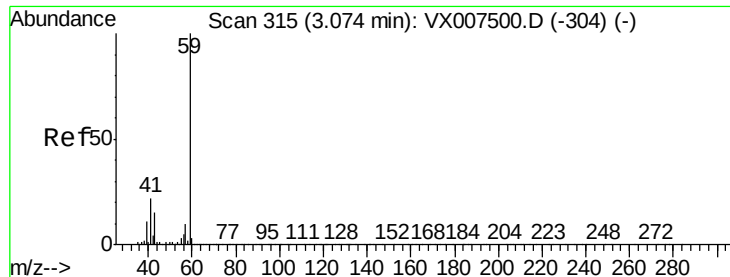
Ion Ratio Lower Upper

96 100

61 133.5 103.5 155.3

98 63.9 52.1 78.1



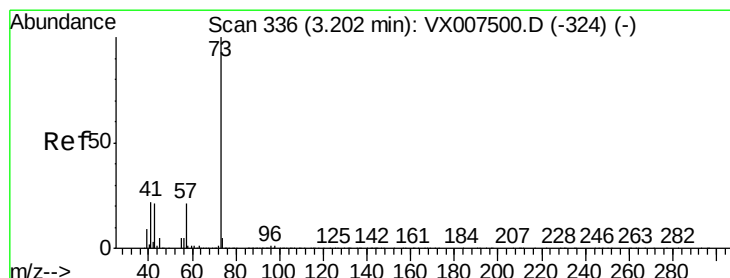
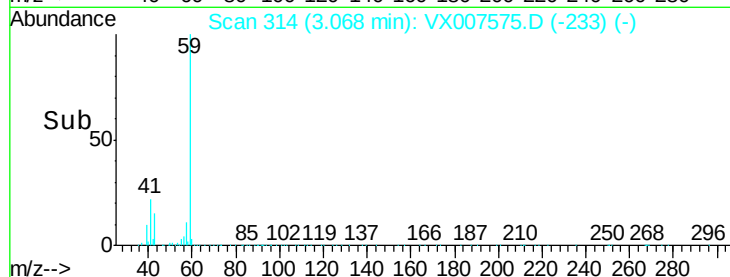
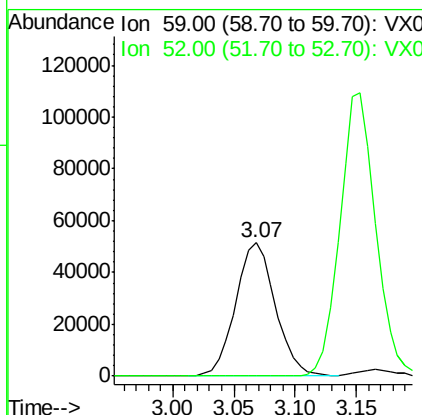
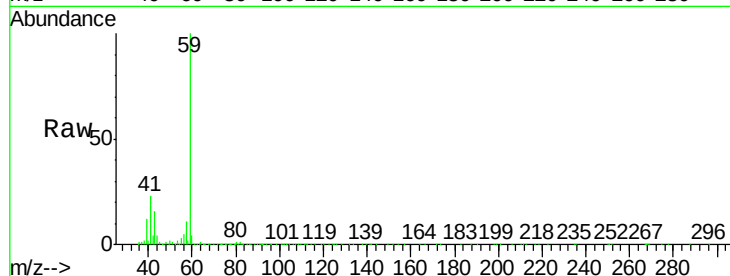


#23

tert-Butyl Alcohol
 Concen: 98.634 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_W
 ClientSampled :

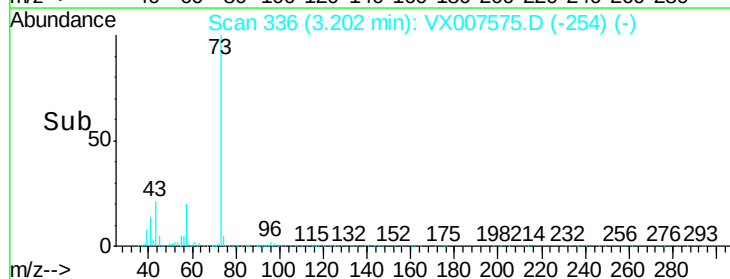
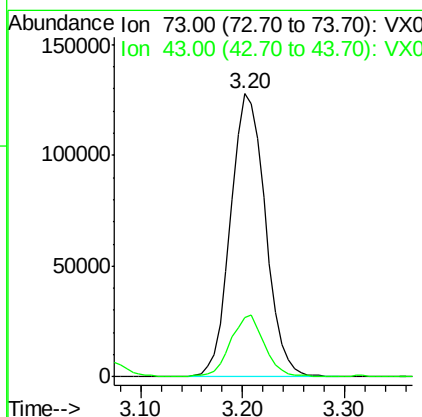
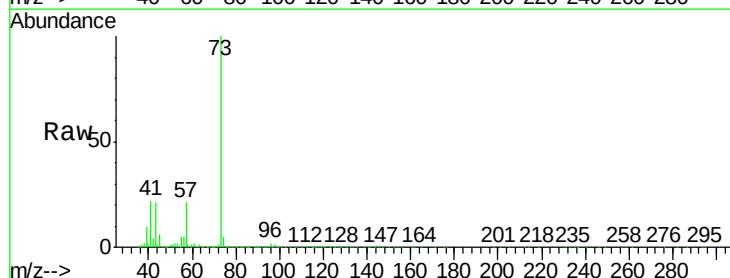
Tot Ion: 59 Resp: 115914
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.2 0.2

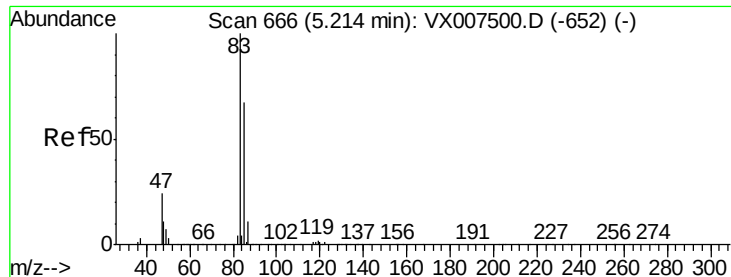


#24

Methyl tert-Butyl Ether
 Concen: 19.820 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion: 73 Resp: 302659
 Ion Ratio Lower Upper
 73 100
 43 21.1 17.1 25.7





#25

Chloroform

Concen: 19.774 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

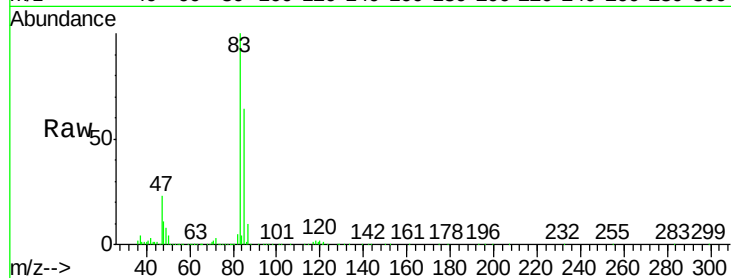
ClientSampleId :

Tot Ion: 83 Resp: 166818

Ion Ratio Lower Upper

83 100

85 64.3 53.8 80.6



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

5.22

60000

50000

40000

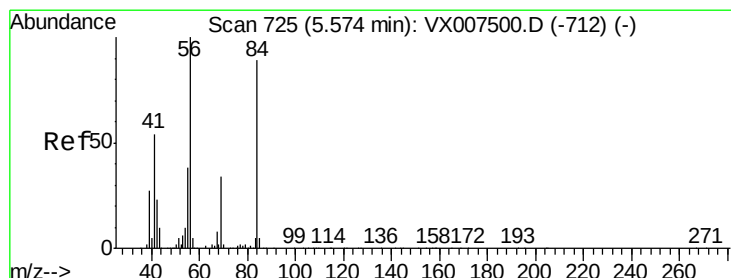
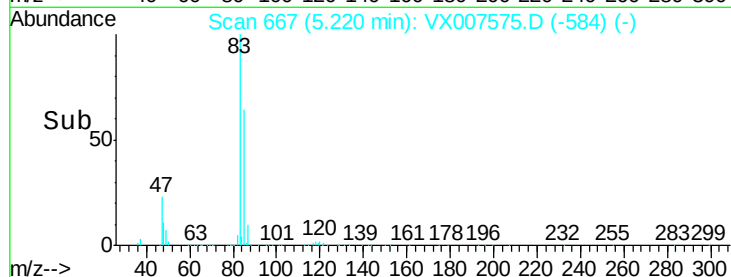
30000

20000

10000

0

Time-->



#26

Cyclohexane

Concen: 19.979 ug/l

RT: 5.58 min Scan# 726

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

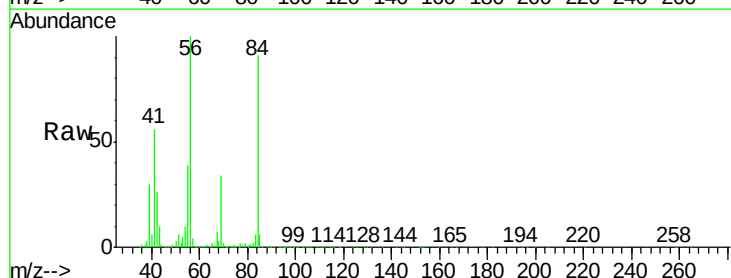
Tgt Ion: 56 Resp: 133818

Ion Ratio Lower Upper

56 100

89 0.1 0.0 0.0#

84 92.9 73.9 110.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

Ion 84.00 (83.70 to 84.70): VX0

80000

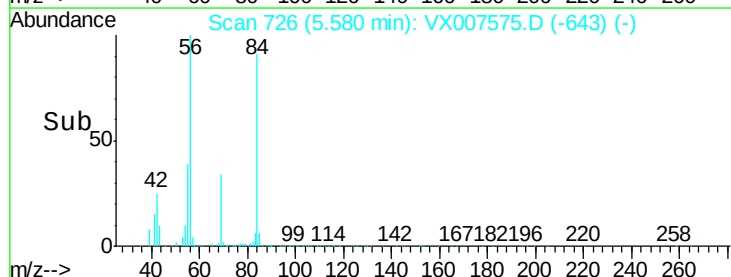
60000

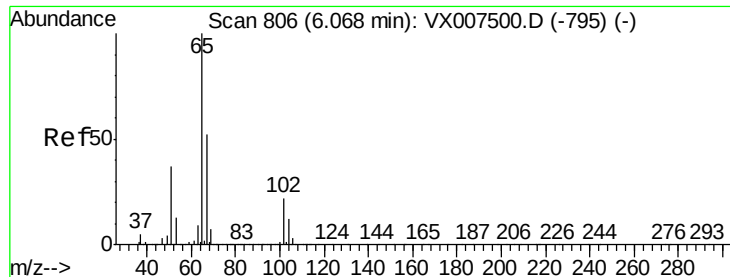
40000

20000

0

Time-->





#27

1,2-Dichloroethane-d4

Concen: 29.855 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

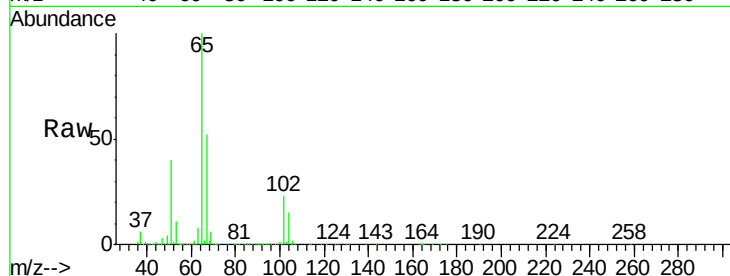
ClientSampleId :

Tot Ion: 65 Resp: 154684

Ion Ratio Lower Upper

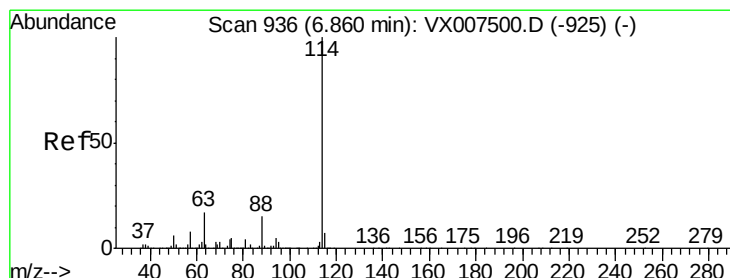
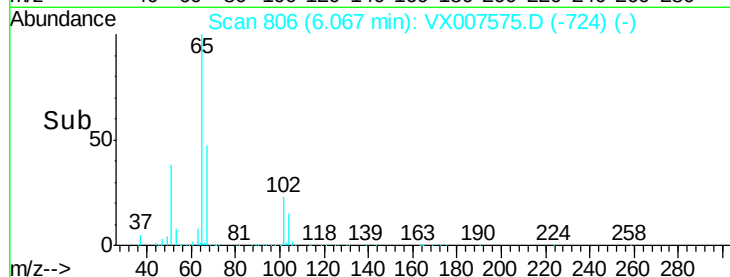
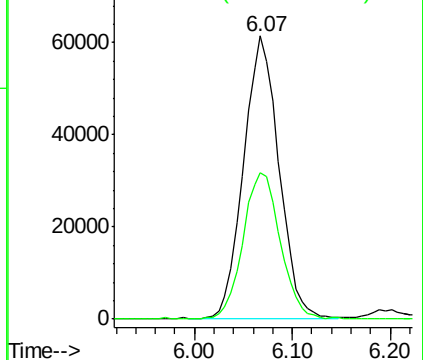
65 100

67 53.9 42.9 64.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

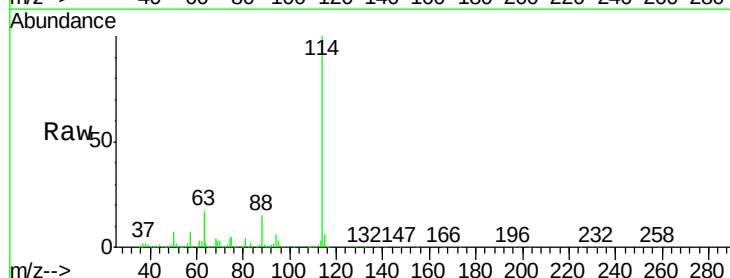
Tgt Ion: 114 Resp: 426336

Ion Ratio Lower Upper

114 100

63 18.1 14.2 21.4

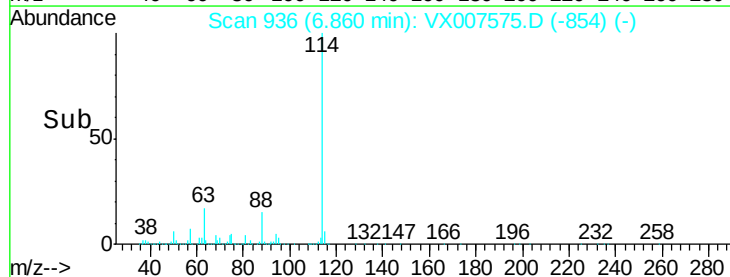
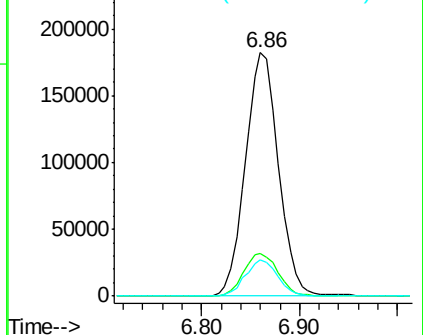
88 14.7 11.9 17.9

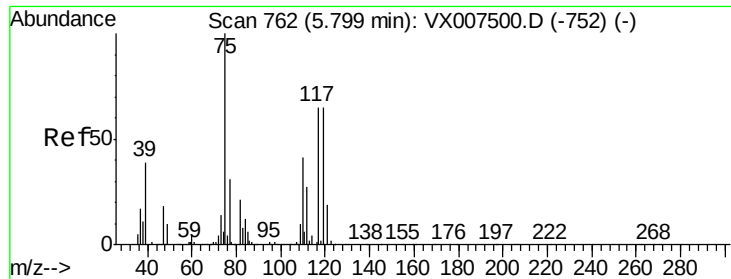


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

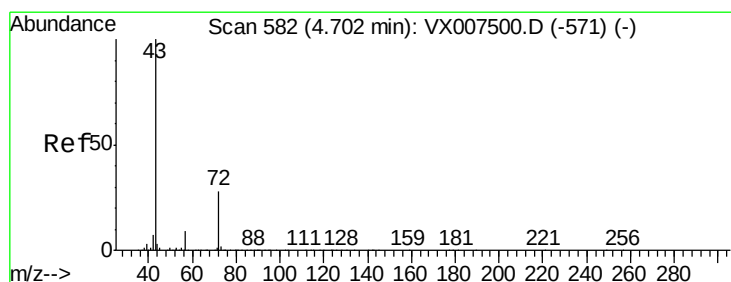
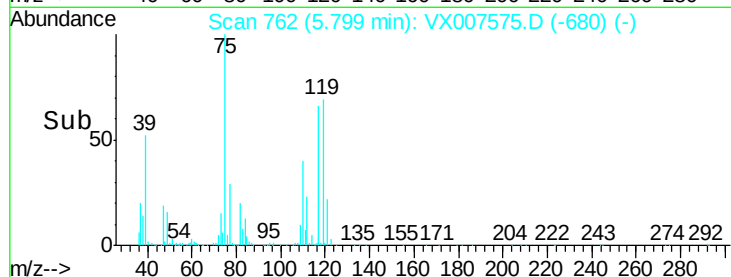
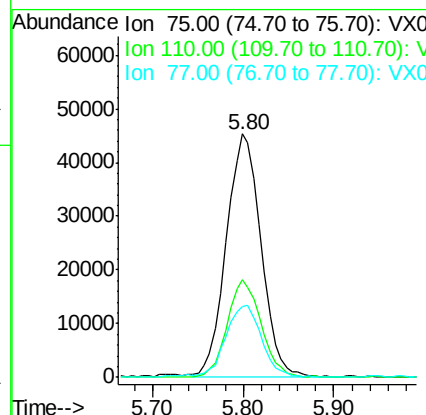
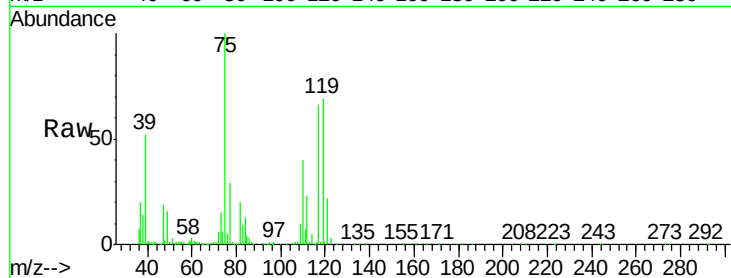




#29
 1,1-Dichloropropene
 Concen: 20.386 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

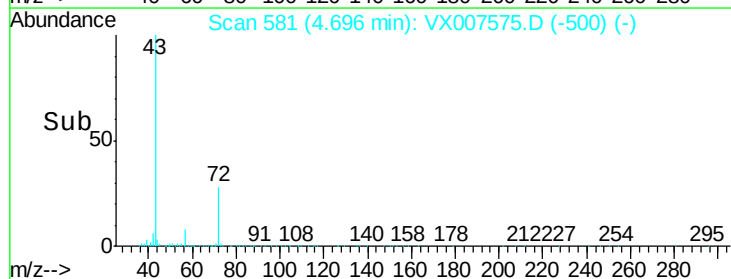
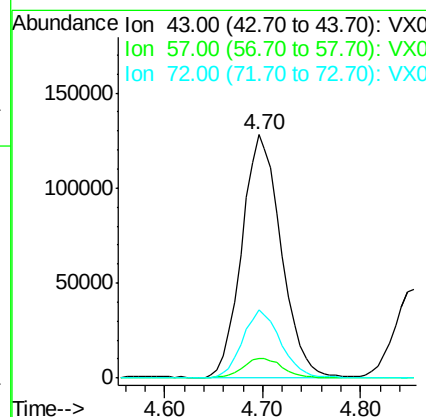
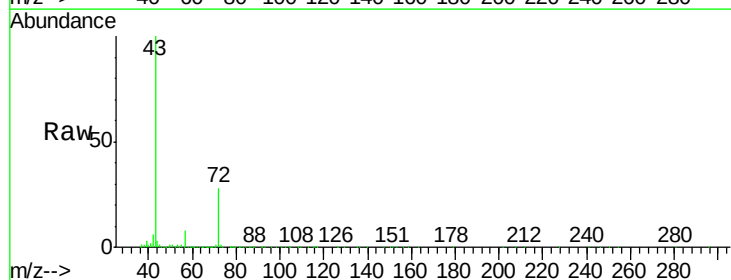
Instrument :
 MSVOA_W
 ClientSampled :

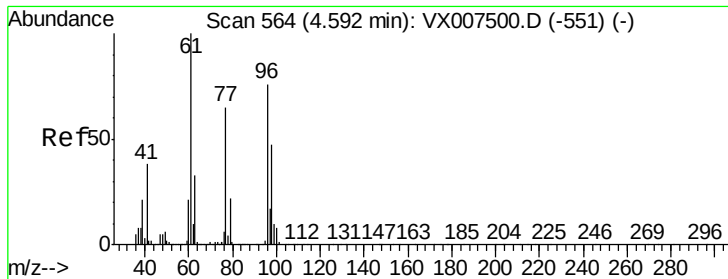
Tot Ion	Ratio	Lower	Upper
75	100		
110	39.1	0.0	80.8
77	29.9	0.0	62.4



#30
 2-Butanone
 Concen: 101.210 ug/l
 RT: 4.70 min Scan# 581
 Delta R.T. -0.01 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.3	7.0	10.6
72	27.0	21.5	32.3





#31

2,2-Dichloropropane

Concen: 23.931 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

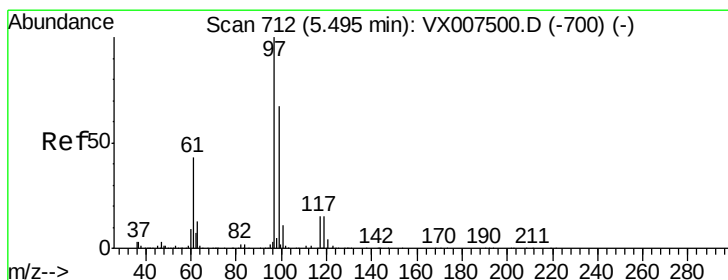
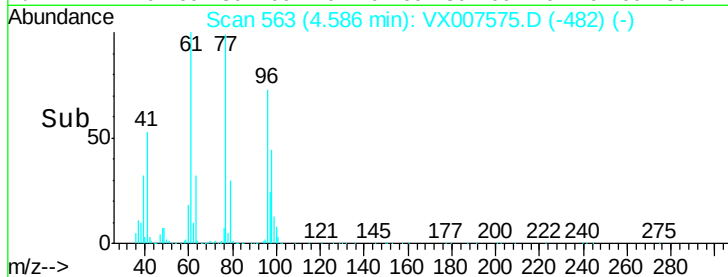
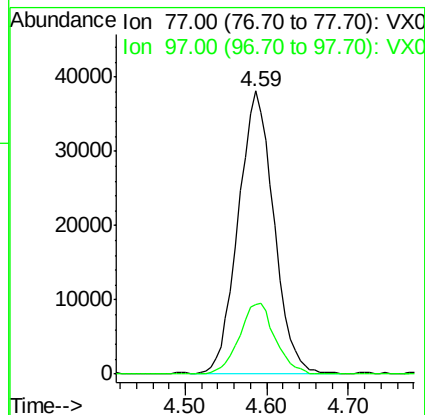
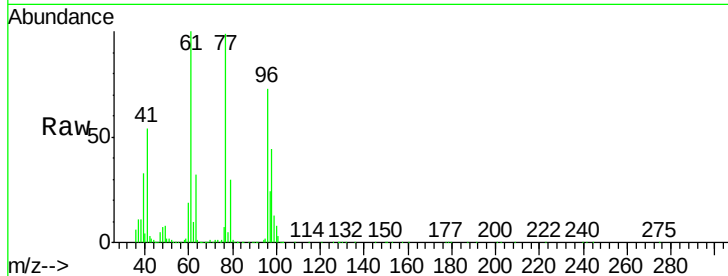
ClientSampleId :

Tot Ion: 77 Resp: 115624

Ion Ratio Lower Upper

77 100

97 25.2 20.6 31.0



#32

1,1,1-Trichloroethane

Concen: 19.759 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

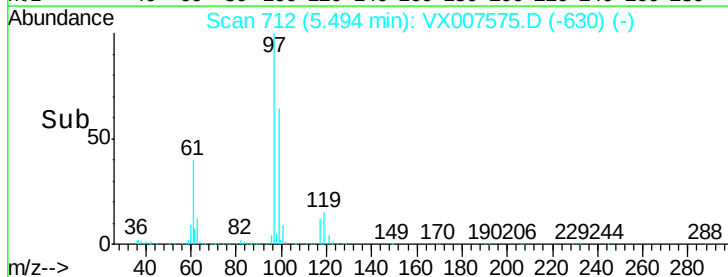
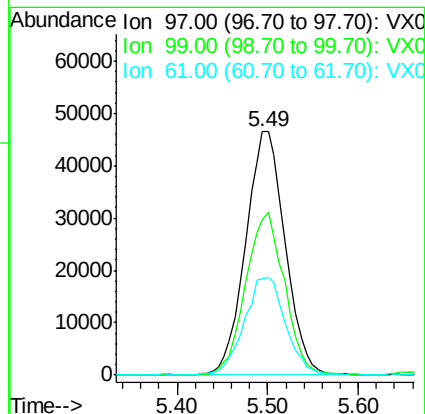
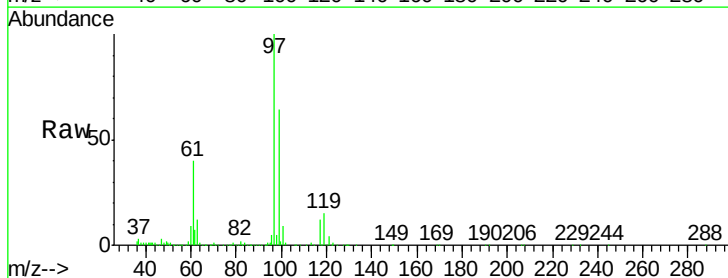
Tgt Ion: 97 Resp: 140447

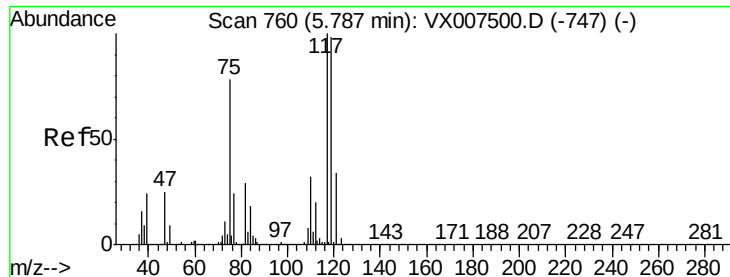
Ion Ratio Lower Upper

97 100

99 65.4 51.7 77.5

61 42.0 32.8 49.2





#33

Carbon Tetrachloride

Concen: 19.567 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

ClientSampled :

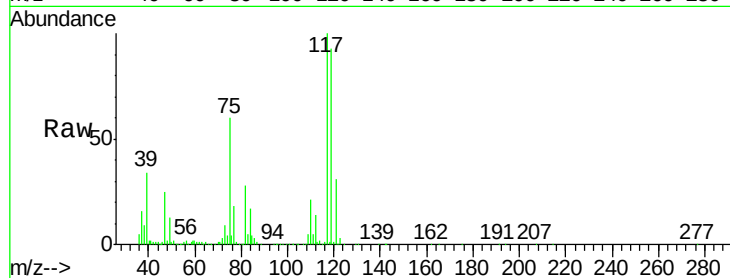
Tot Ion:117 Resp: 122948

Ion Ratio Lower Upper

117 100

119 92.4 78.1 117.1

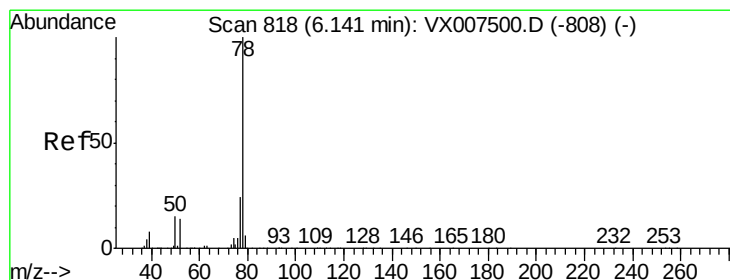
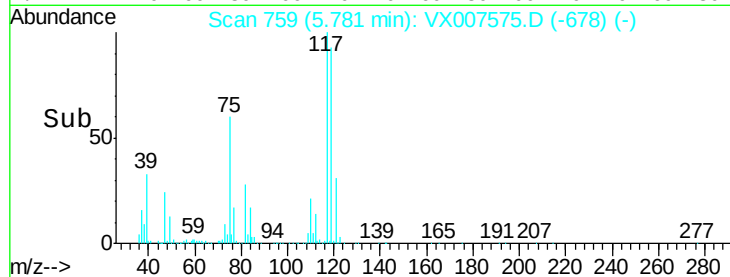
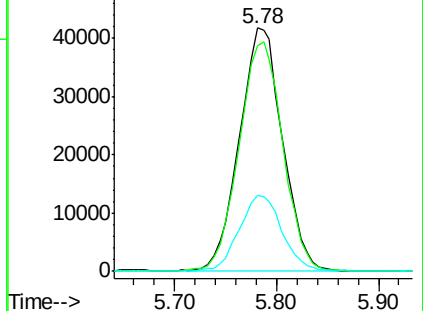
121 31.0 27.0 40.6



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

Ion 121.00 (120.70 to 121.70): V



#34

Benzene

Concen: 19.929 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

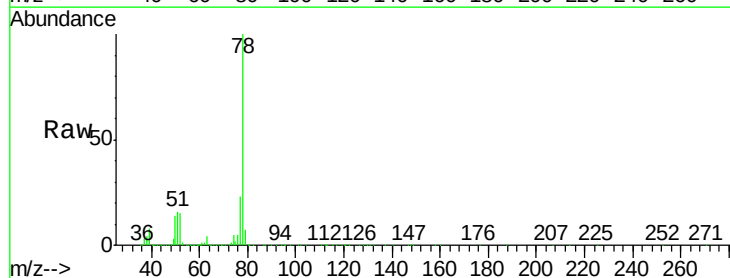
Tgt Ion: 78 Resp: 373626

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7

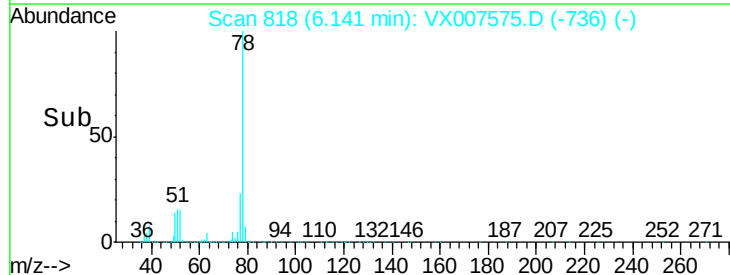
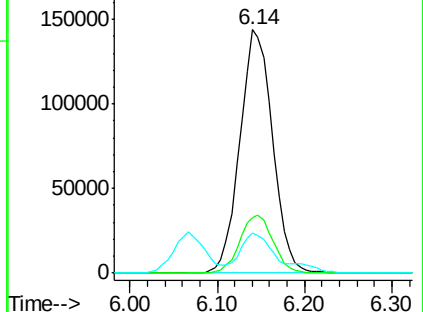
51 16.0 10.8 16.2

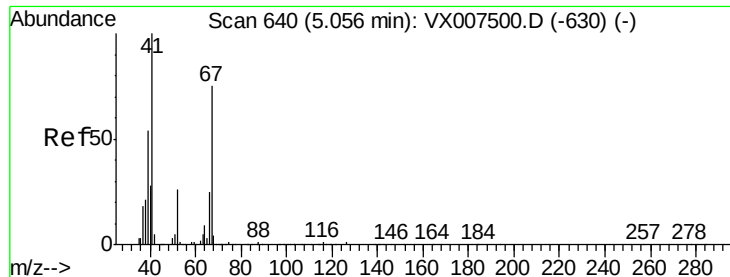


Abundance Ion 78.10 (77.80 to 78.80): VX0

Ion 77.00 (76.70 to 77.70): VX0

Ion 51.00 (50.70 to 51.70): VX0

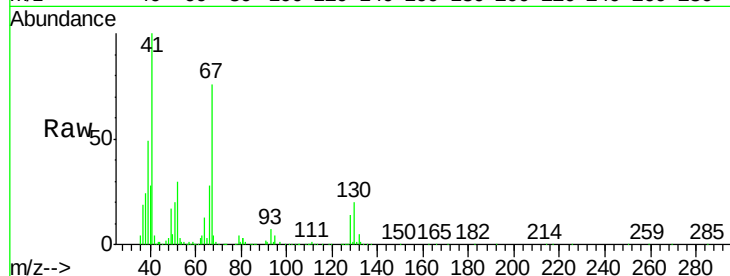




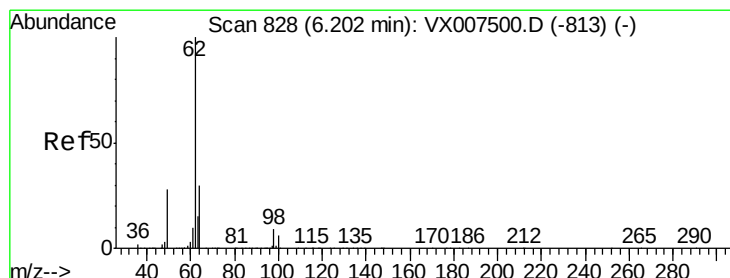
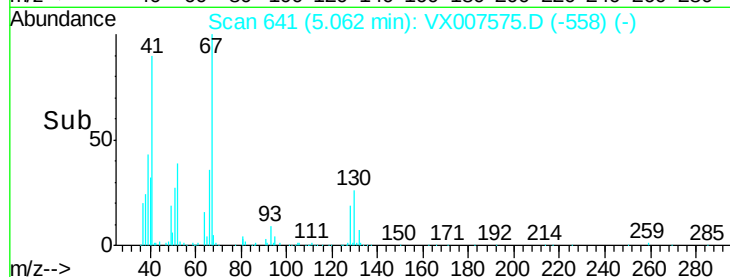
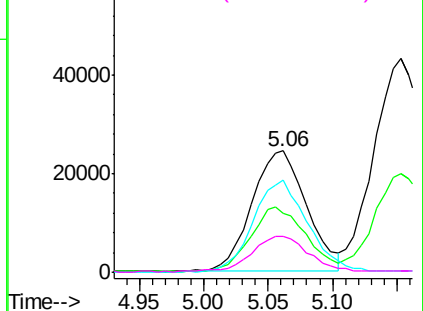
#35
Methacrylonitrile
Concen: 19.623 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:	41	Resp:	71806
Ion	Ratio	Lower	Upper
41	100		
39	47.9	27.4	82.0
67	75.7	37.9	113.6
52	29.1	13.3	39.9

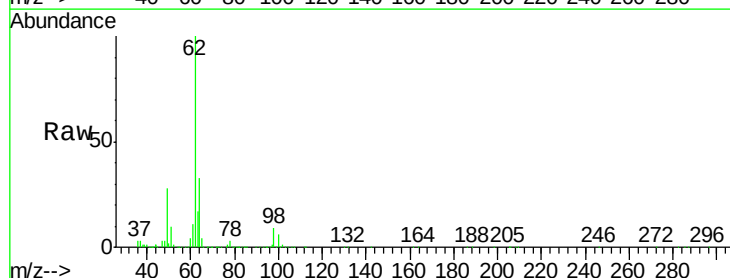


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

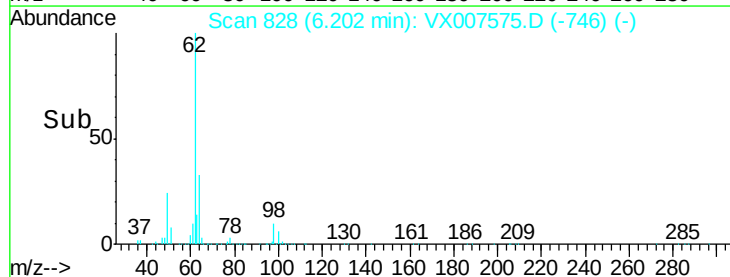
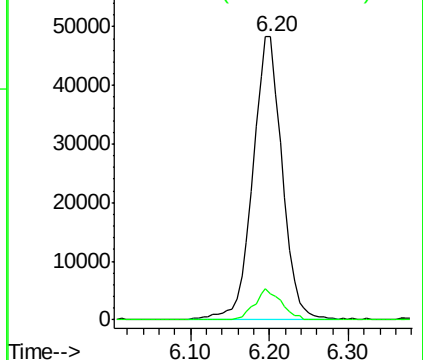


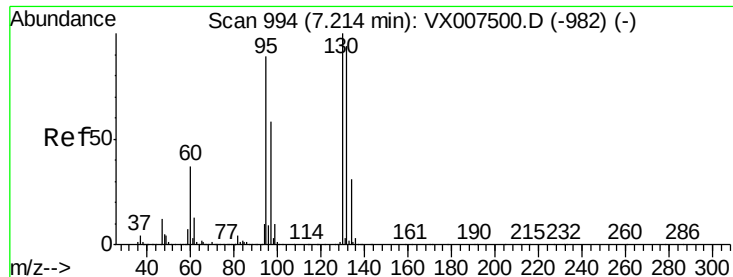
#36
1,2-Dichloroethane
Concen: 19.434 ug/l
RT: 6.20 min Scan# 828
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion:	62	Resp:	123993
Ion	Ratio	Lower	Upper
62	100		
98	10.2	7.8	11.8



Abundance Ion 62.00 (61.70 to 62.70): VX0
Ion 98.00 (97.70 to 98.70): VX0





#37

Trichloroethene

Concen: 20.213 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

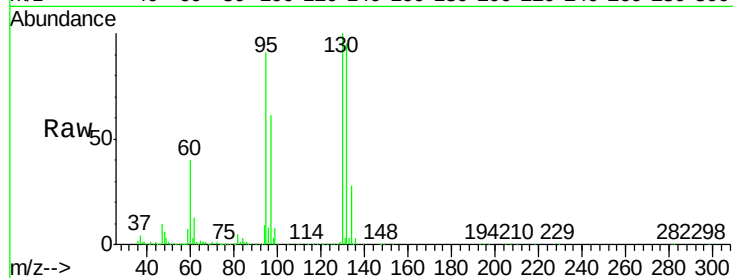
ClientSampled :

Tot Ion:130 Resp: 108948

Ion Ratio Lower Upper

130 100

95 91.0 71.3 106.9



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0

7.21

60000

50000

40000

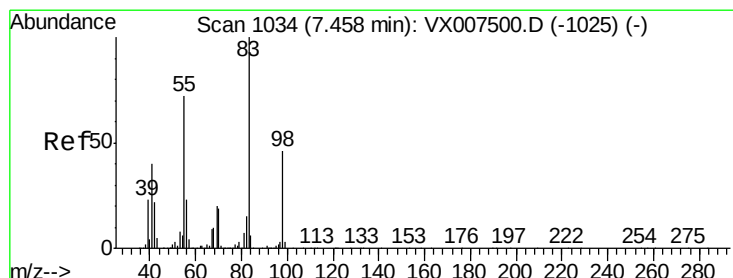
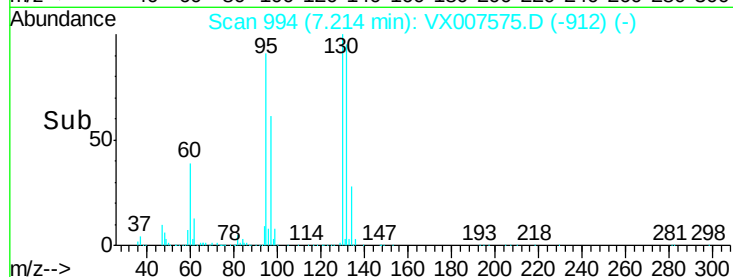
30000

20000

10000

0

Time-->



#38

Methylcyclohexane

Concen: 20.926 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

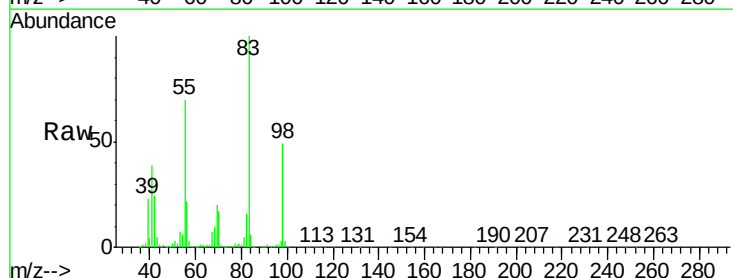
Tgt Ion: 83 Resp: 144060

Ion Ratio Lower Upper

83 100

55 71.6 36.0 108.0

98 48.8 23.8 71.4



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

7.46

80000

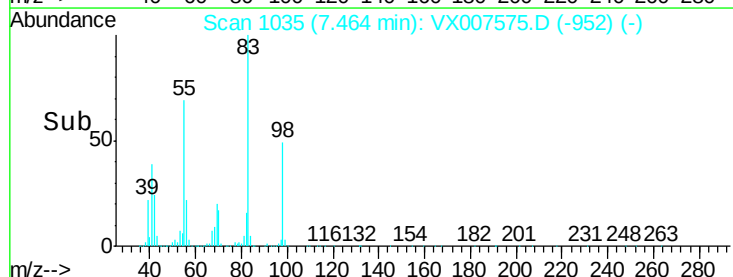
60000

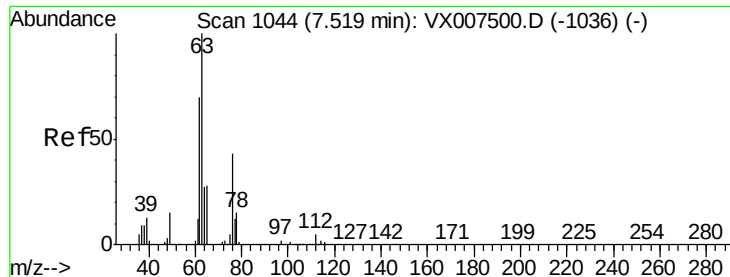
40000

20000

0

Time-->





#39

1,2-Dichloropropane

Concen: 19.814 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

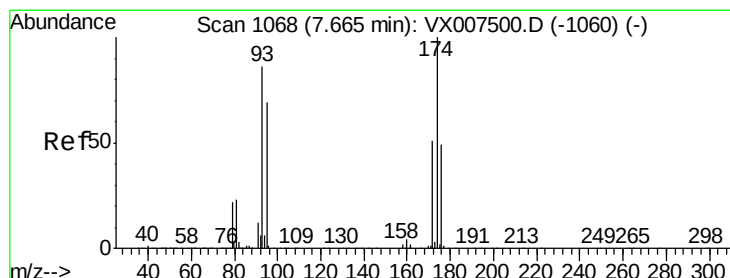
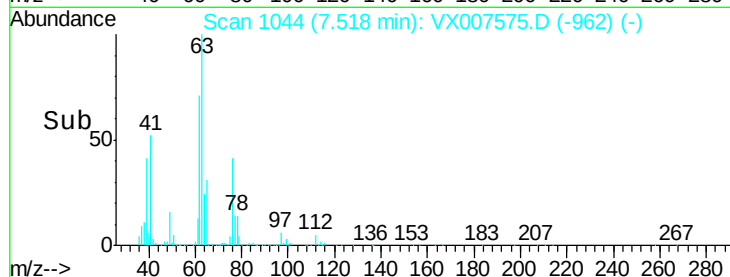
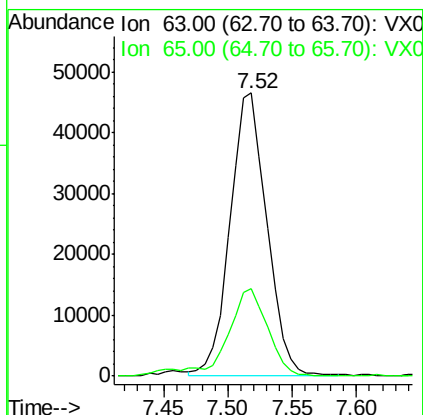
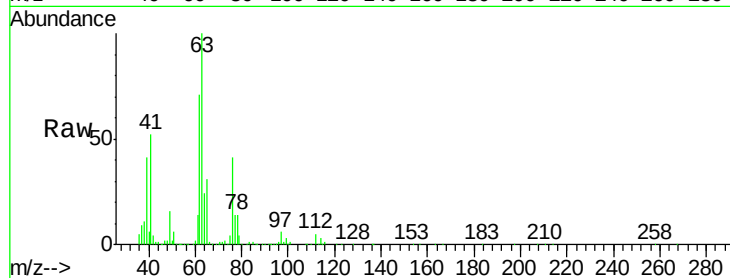
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 63 Resp: 92396

Ion Ratio Lower Upper

63 100

65 30.7 24.6 37.0



#40

Dibromomethane

Concen: 19.190 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

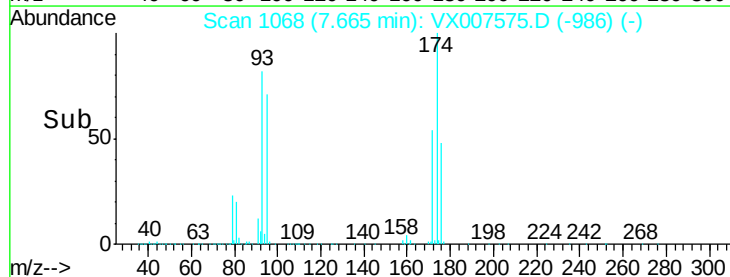
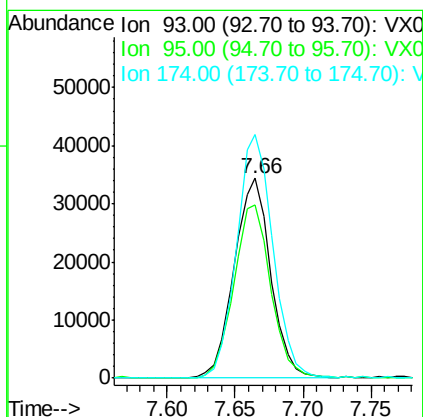
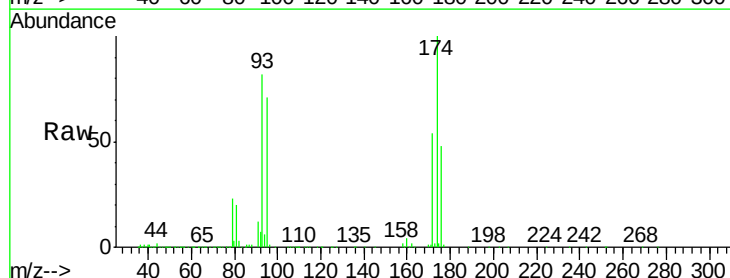
Tgt Ion: 93 Resp: 64629

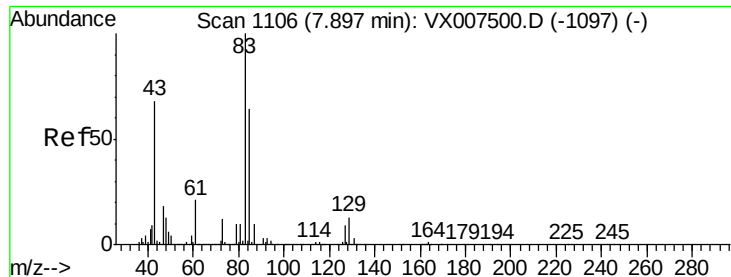
Ion Ratio Lower Upper

93 100

95 88.3 0.0 158.8

174 120.9 0.0 224.2





#41

Bromodichloromethane

Concen: 19.261 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampled :

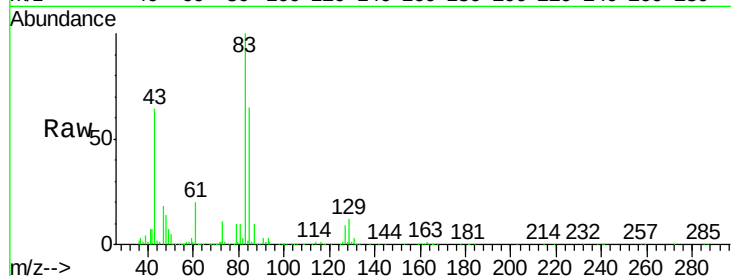
Tot Ion: 83 Resp: 115116

Ion Ratio Lower Upper

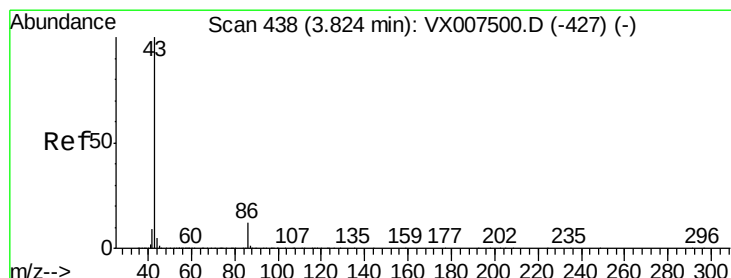
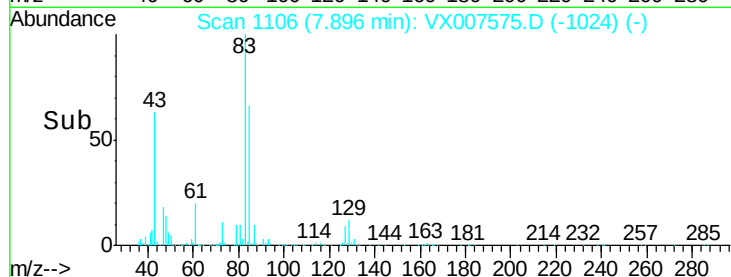
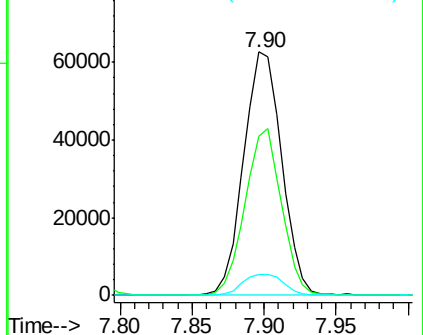
83 100

85 65.4 51.1 76.7

127 8.7 7.2 10.8



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 101.585 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007575.D

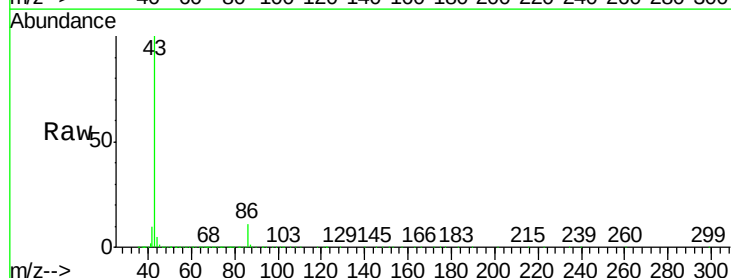
Acq: 15 Feb 2019 18:24

Tgt Ion: 43 Resp: 1251386

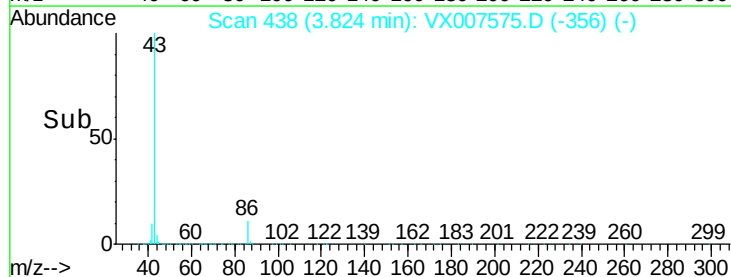
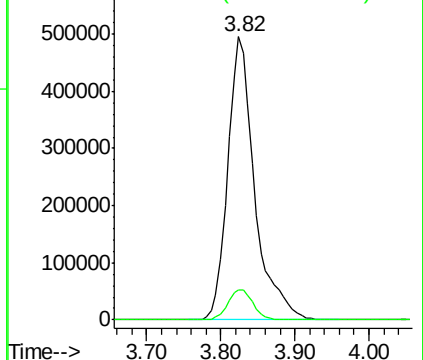
Ion Ratio Lower Upper

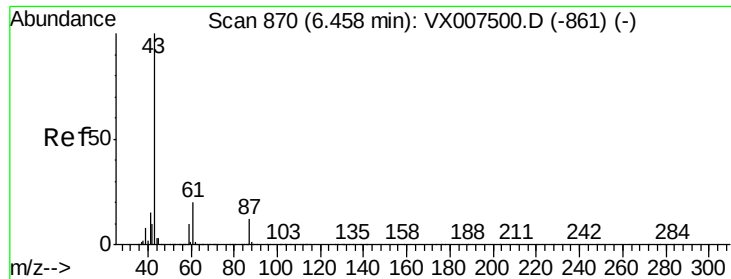
43 100

86 10.1 8.2 12.2



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0



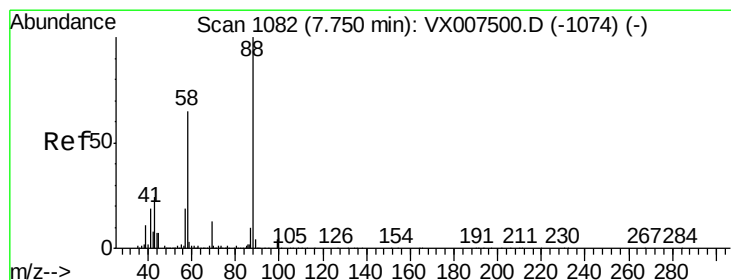
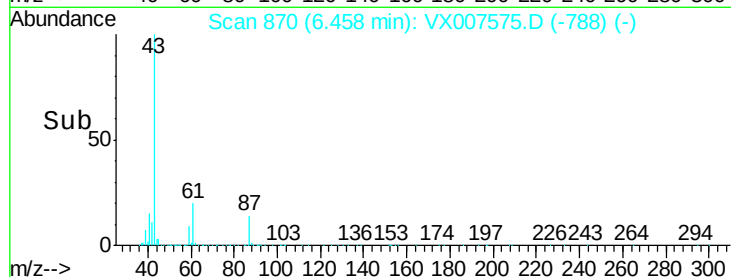
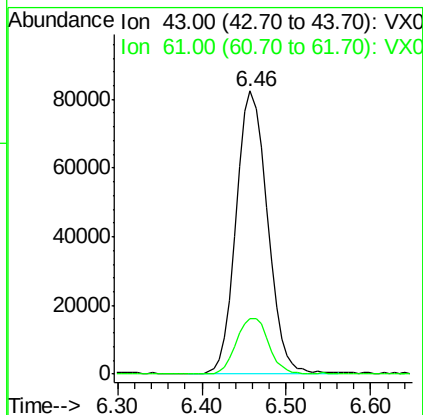
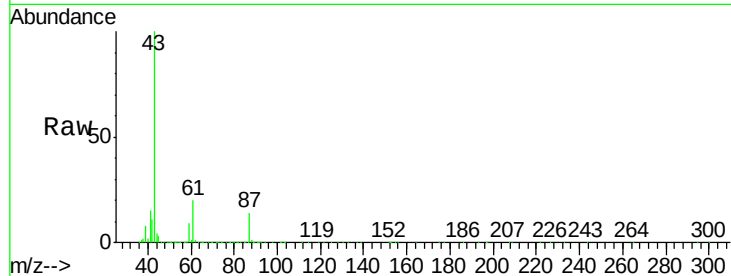


#44

Isopropyl Acetate
 Concen: 19.947 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_W
 ClientSampleId :

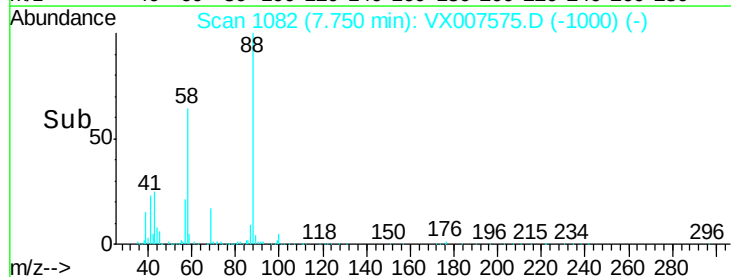
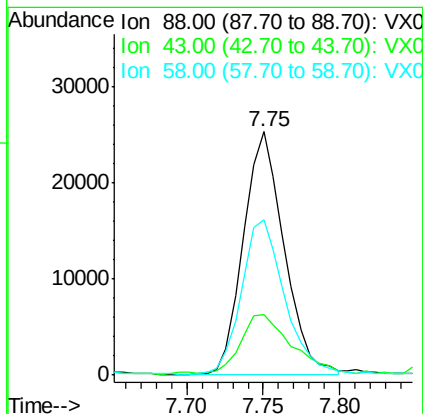
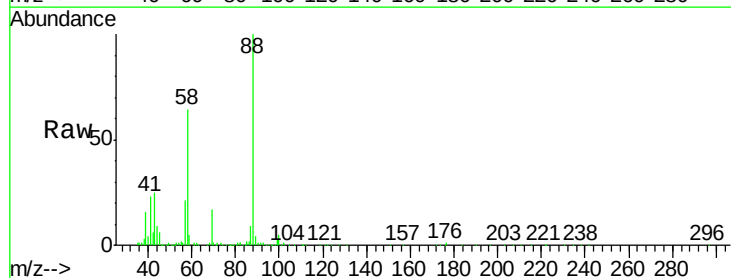
Tot Ion: 43 Resp: 207565
 Ion Ratio Lower Upper
 43 100
 61 20.1 16.1 24.1

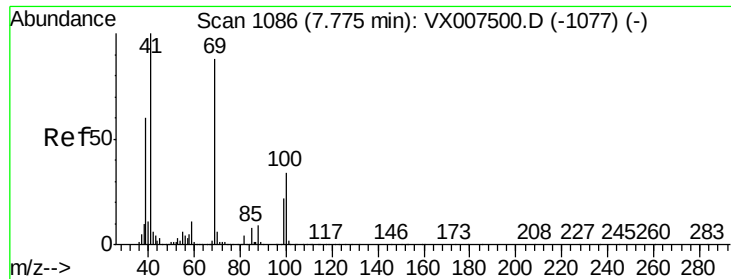


#45

1,4-Dioxane
 Concen: 382.939 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion: 88 Resp: 47028
 Ion Ratio Lower Upper
 88 100
 43 29.4 23.6 35.4
 58 68.1 51.6 77.4

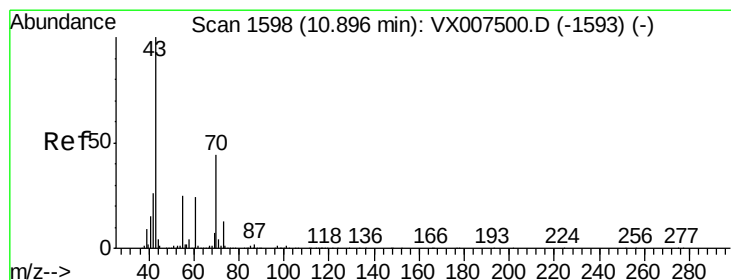
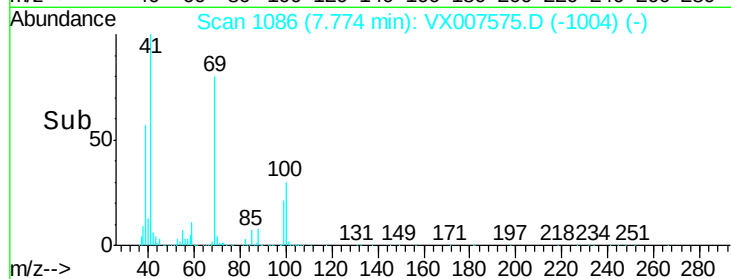
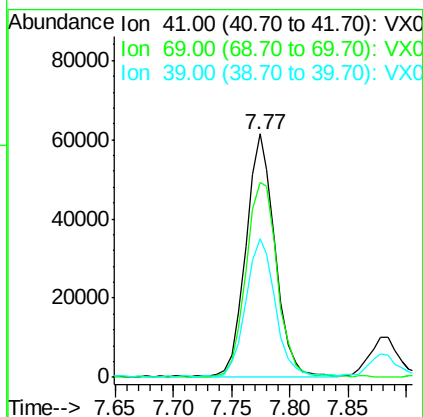
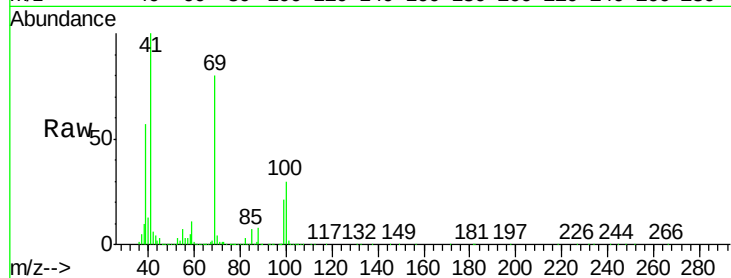




#46
Methvl methacrylate
Concen: 20.085 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

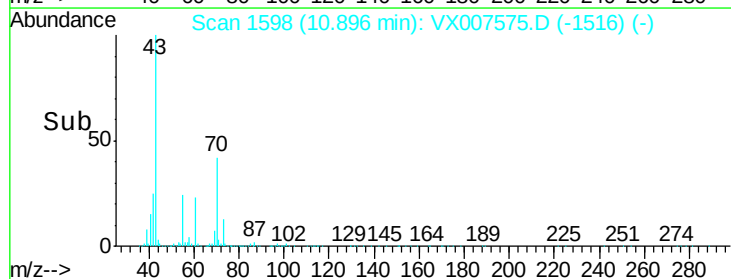
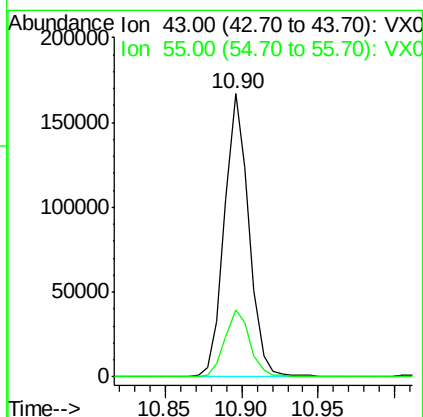
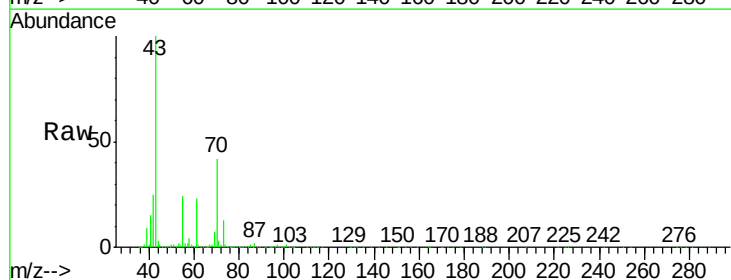
Instrument :
MSVOA_W
ClientSampleId :

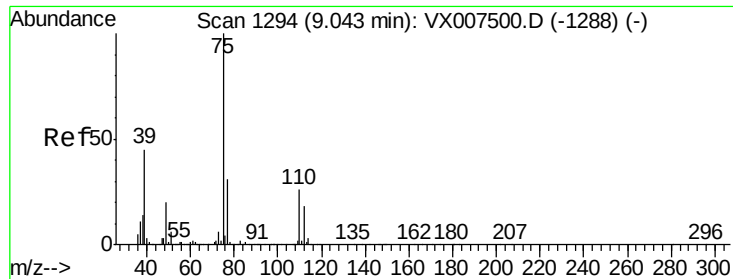
Tot Ion	41	Resp	105836
Ion Ratio	Lower	Upper	
41	100		
69	80.4	44.2	132.6
39	56.3	29.9	89.8



#47
n-aml Acetate
Concen: 20.022 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	43	Resp	183636
Ion Ratio	Lower	Upper	
43	100		
55	24.3	20.8	31.2





#48

t-1,3-Dichloropropene

Concen: 19.447 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

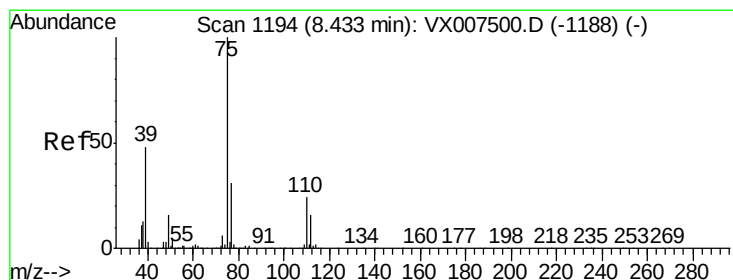
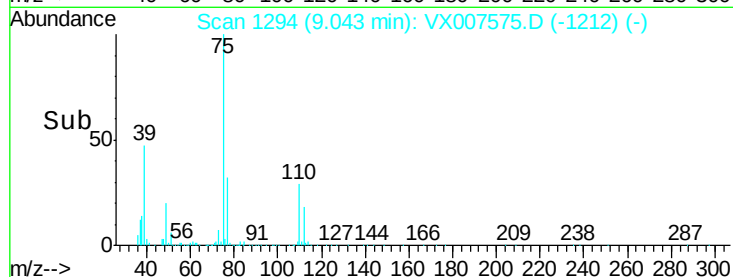
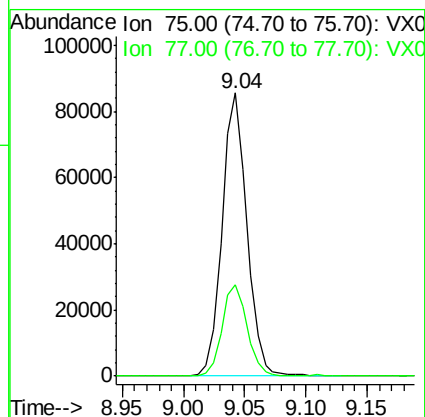
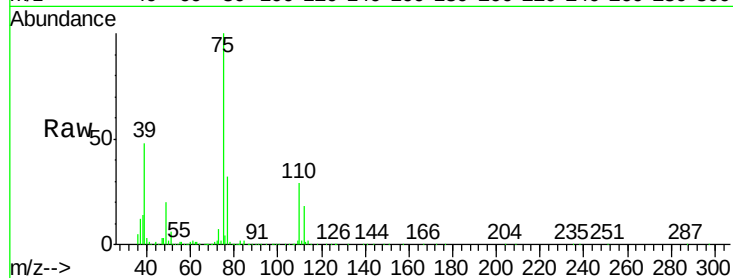
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 75 Resp: 119986

Ion Ratio Lower Upper

75 100

77 32.1 24.5 36.7



#49

cis-1,3-Dichloropropene

Concen: 20.042 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

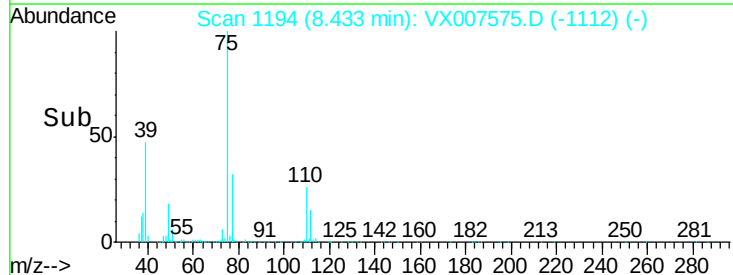
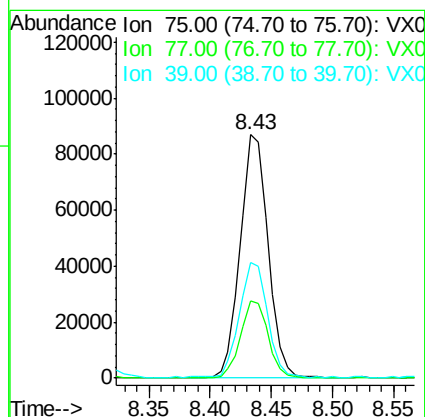
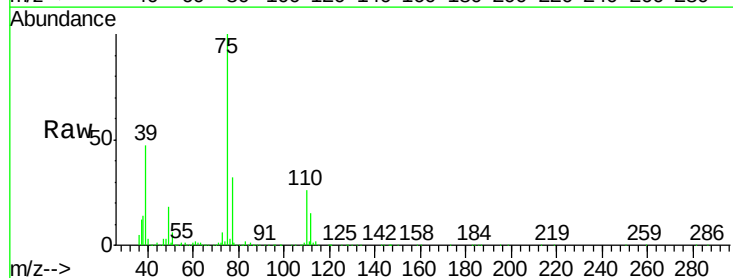
Tgt Ion: 75 Resp: 137699

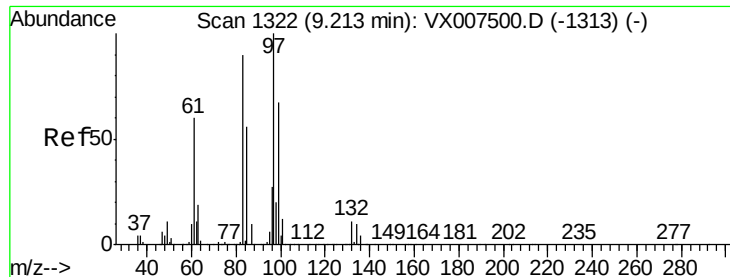
Ion Ratio Lower Upper

75 100

77 31.7 25.0 37.4

39 47.1 38.5 57.7

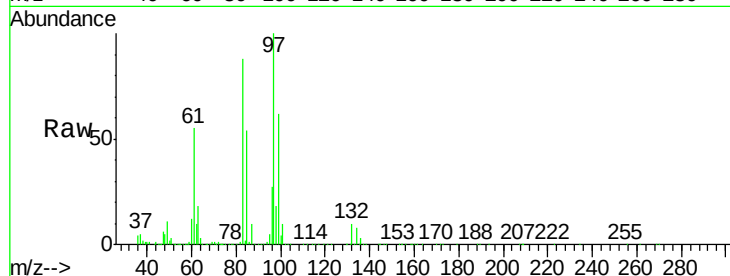




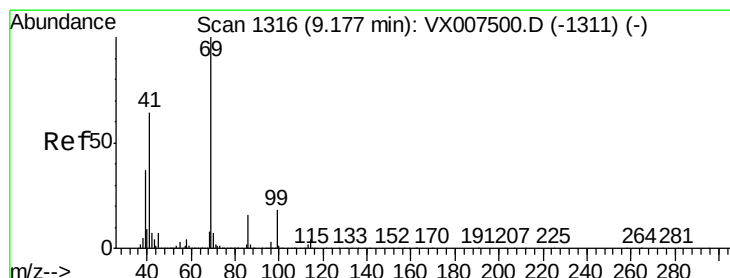
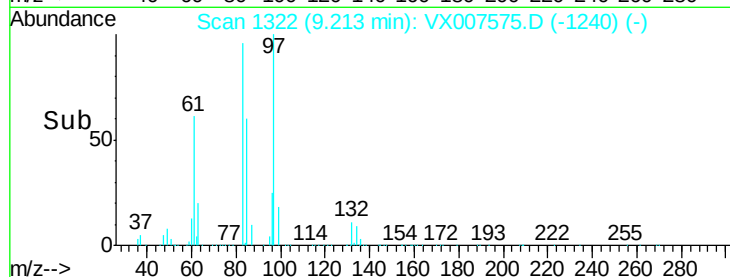
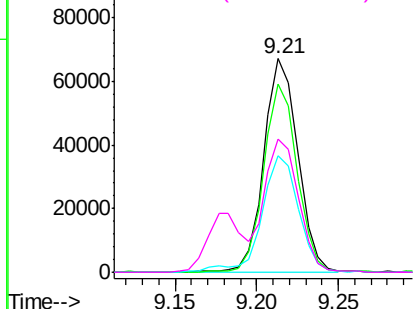
#50
 1,1,2-Trichloroethane
 Concen: 19.774 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion:	97	Resp:	97102
Ion	Ratio	Lower	Upper
97	100		
83	87.8	72.0	108.0
85	54.1	45.0	67.6
99	61.5	54.2	81.4

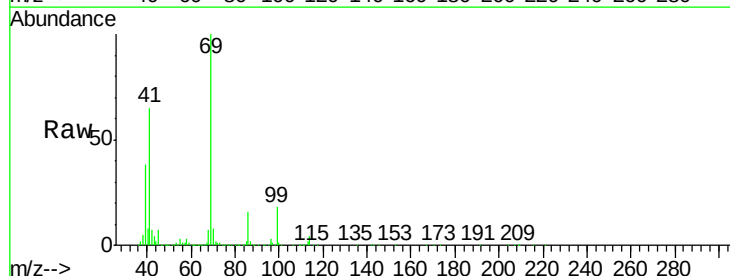


Abundance Ion 97.00 (96.70 to 97.70): VX0
 Ion 82.95 (82.65 to 83.65): VX0
 Ion 84.95 (84.65 to 85.65): VX0
 Ion 98.95 (98.65 to 99.65): VX0

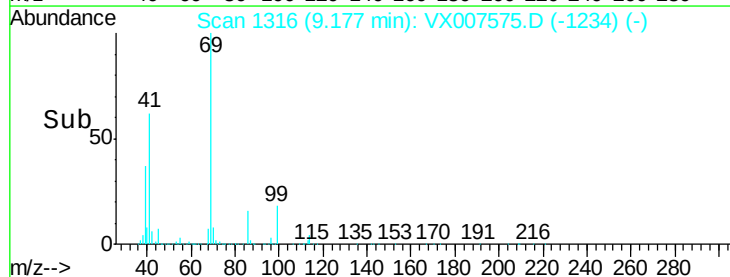
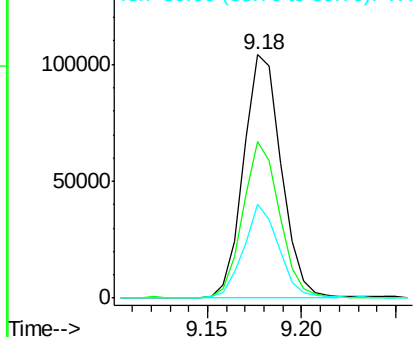


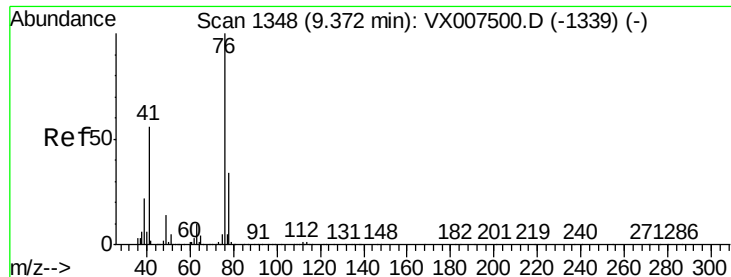
#51
 Ethyl methacrylate
 Concen: 20.395 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion:	69	Resp:	145192
Ion	Ratio	Lower	Upper
69	100		
41	64.3	32.1	96.5
39	38.0	18.8	56.3



Abundance Ion 69.00 (68.70 to 69.70): VX0
 Ion 41.00 (40.70 to 41.70): VX0
 Ion 39.00 (38.70 to 39.70): VX0





#52

1,3-Dichloropropane

Concen: 20.317 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

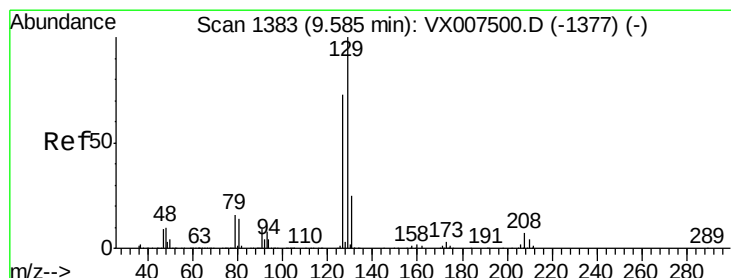
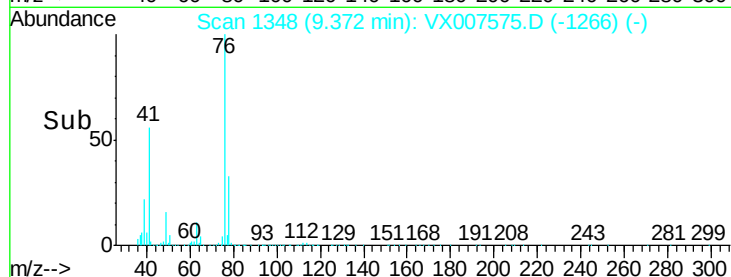
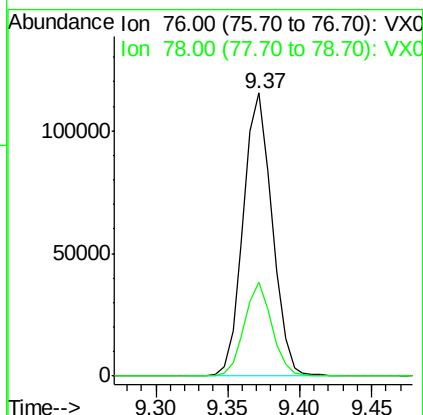
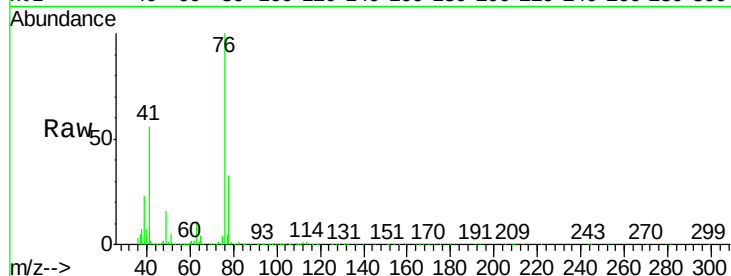
ClientSampleId :

Tot Ion: 76 Resp: 160925

Ion Ratio Lower Upper

76 100

78 31.8 0.0 65.2



#53

Dibromochloromethane

Concen: 19.139 ug/l

RT: 9.58 min Scan# 1382

Delta R.T. -0.01 min

Lab File: VX007575.D

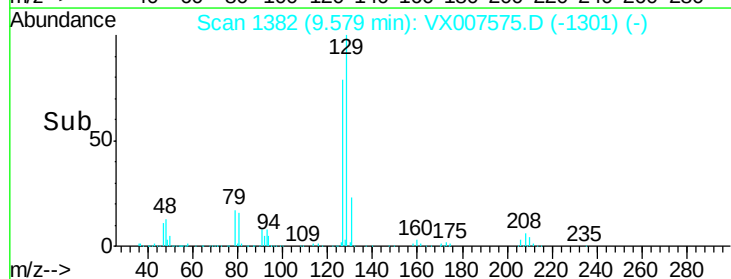
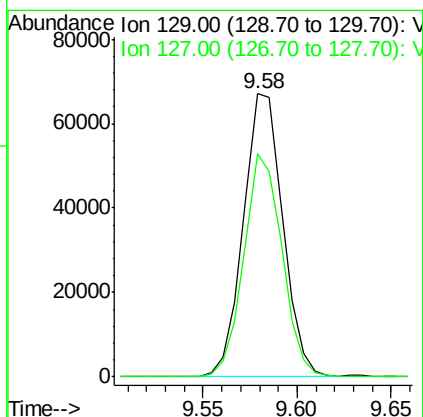
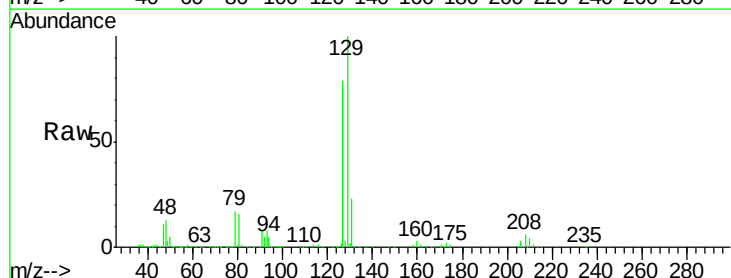
Acq: 15 Feb 2019 18:24

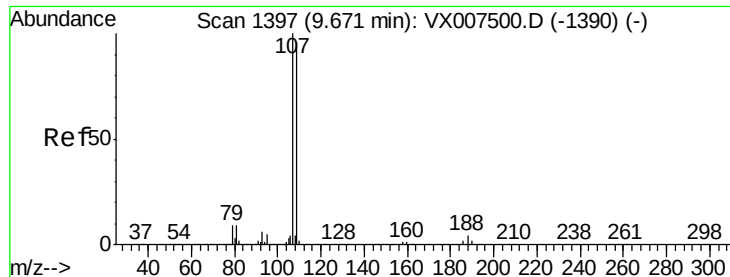
Tgt Ion: 129 Resp: 97754

Ion Ratio Lower Upper

129 100

127 76.3 38.4 115.2





#54

1,2-Dibromoethane

Concen: 19.794 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

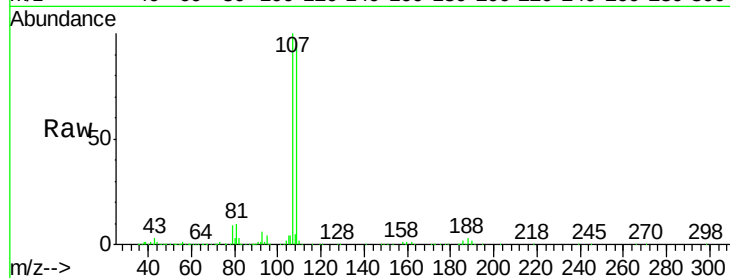
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:107 Resp: 106432

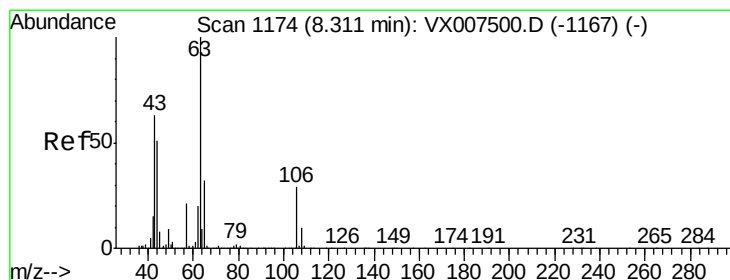
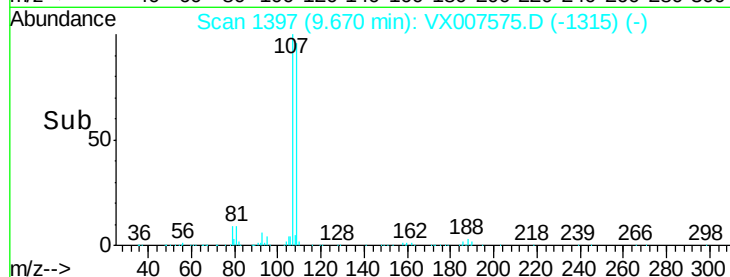
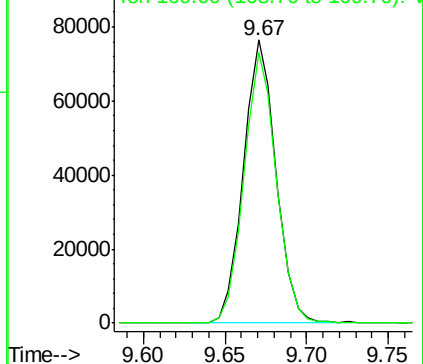
Ion Ratio Lower Upper

107 100

109 94.8 76.6 115.0



Abundance Ion 107.00 (106.70 to 107.70): V
Ion 109.00 (108.70 to 109.70): V



#55

2-Chloroethyl vinyl ether

Concen: 104.177 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

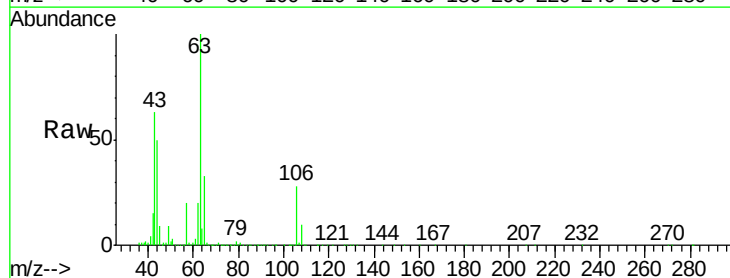
Tgt Ion: 63 Resp: 377062

Ion Ratio Lower Upper

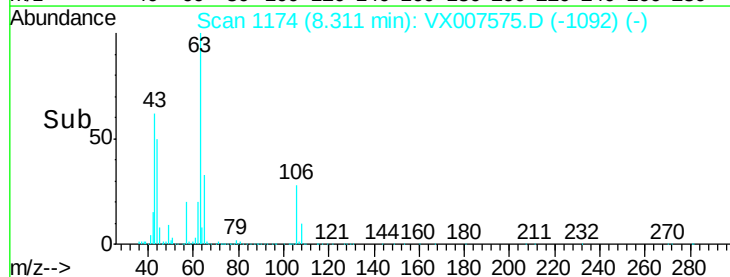
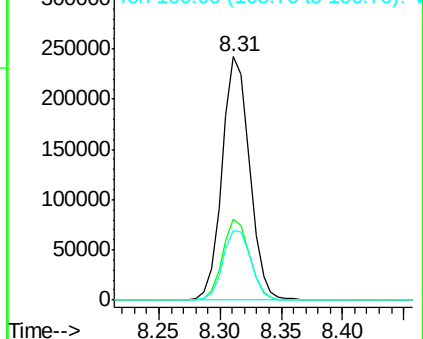
63 100

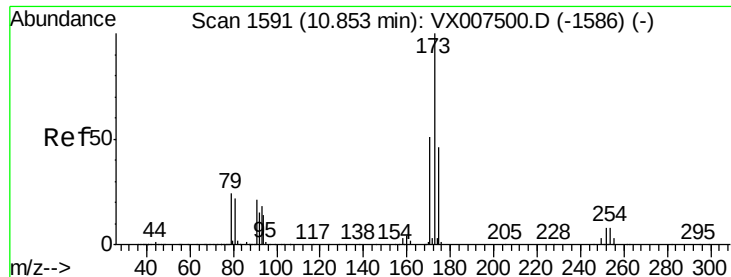
65 32.6 25.7 38.5

106 29.5 23.7 35.5



Abundance Ion 63.00 (62.70 to 63.70): VX0
Ion 65.00 (64.70 to 65.70): VX0
Ion 106.00 (105.70 to 106.70): V





#56

Bromoform

Concen: 18.683 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

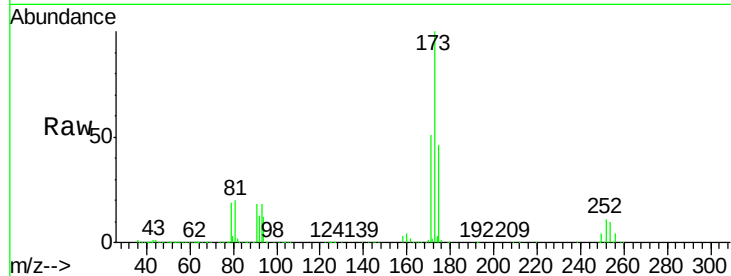
Tot Ion:173 Resp: 71977

Ion Ratio Lower Upper

173 100

175 48.2 38.5 57.7

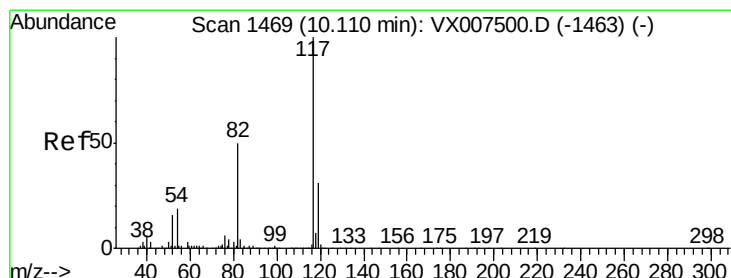
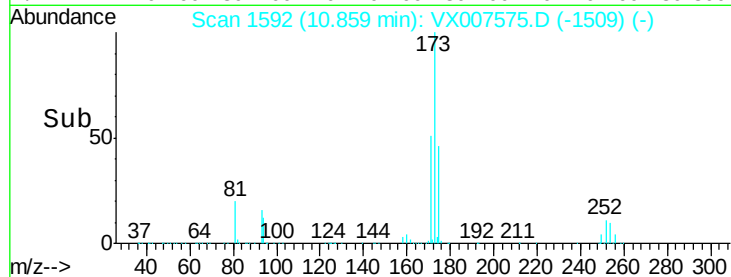
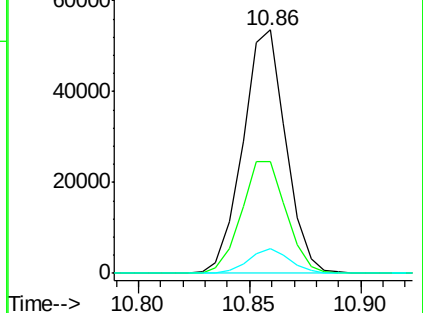
254 9.8 7.4 11.2



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

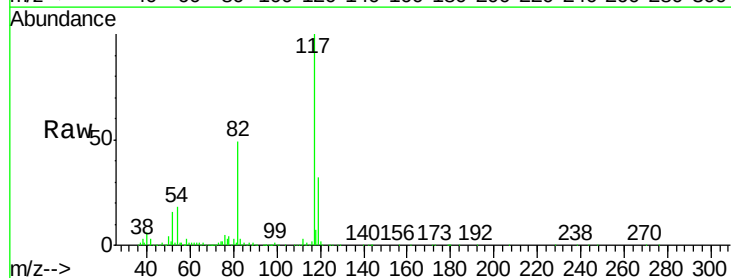
Tgt Ion:117 Resp: 376489

Ion Ratio Lower Upper

117 100

82 52.3 40.4 60.6

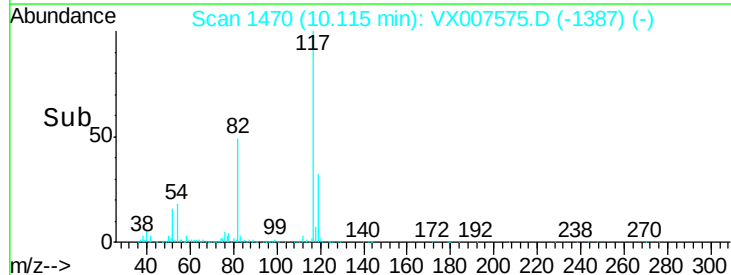
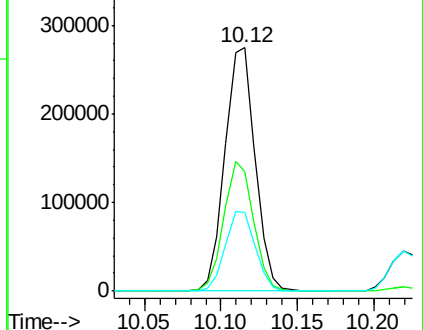
119 32.6 25.8 38.6

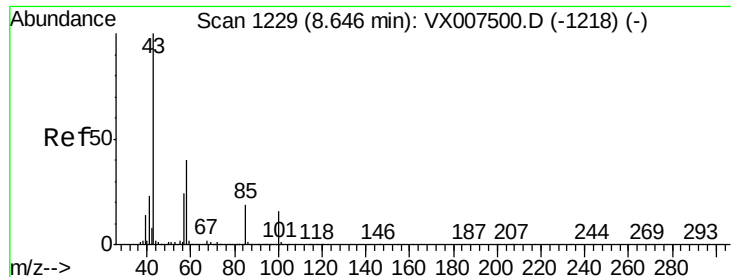


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

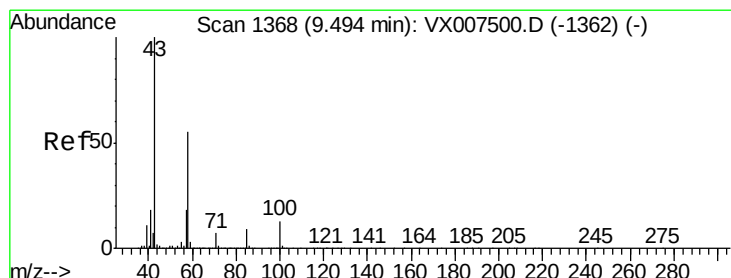
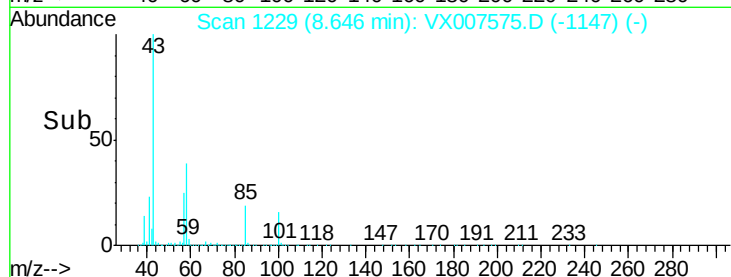
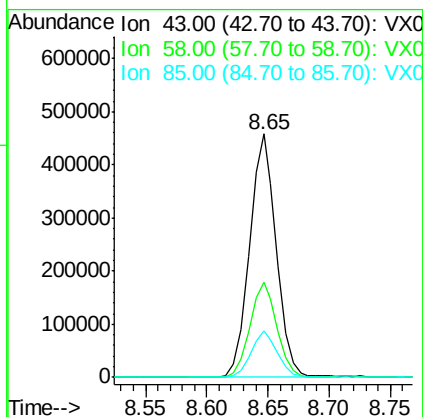
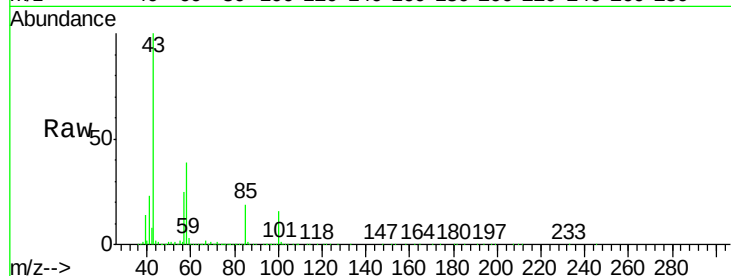




#58
 4-Methyl-2-Pentanone
 Concen: 102.635 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

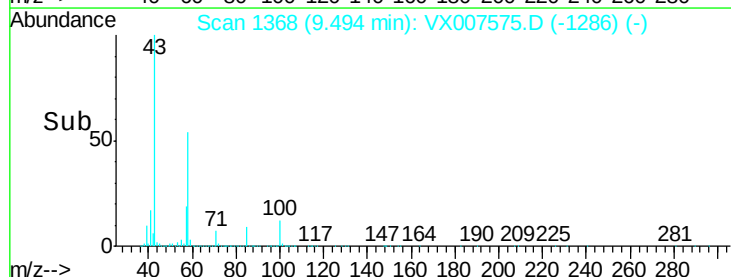
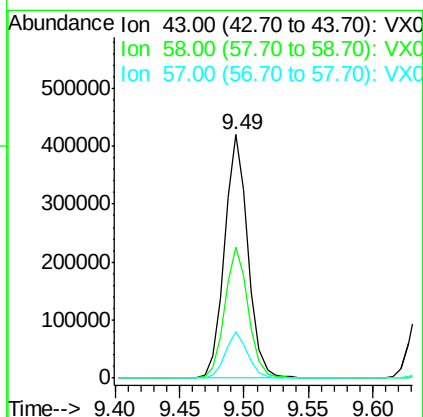
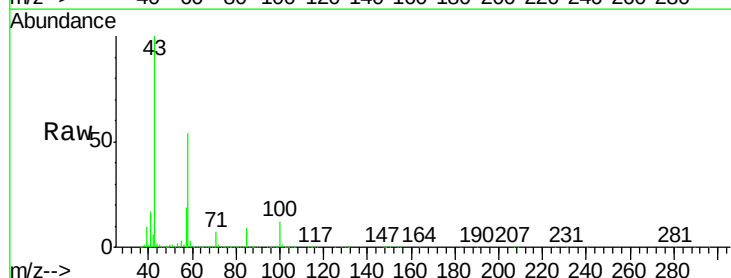
Instrument :
 MSVOA_W
 ClientSampleId :

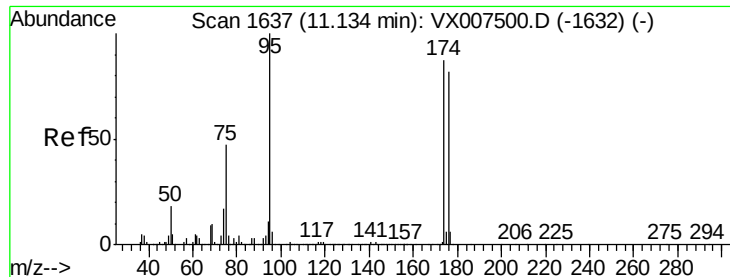
Tot Ion	Ratio	Lower	Upper
43	100		
58	39.3	31.4	47.0
85	18.6	15.0	22.6



#59
 2-Hexanone
 Concen: 104.104 ug/l
 RT: 9.49 min Scan# 1368
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
43	100		
58	53.9	43.9	65.9
57	18.4	14.9	22.3

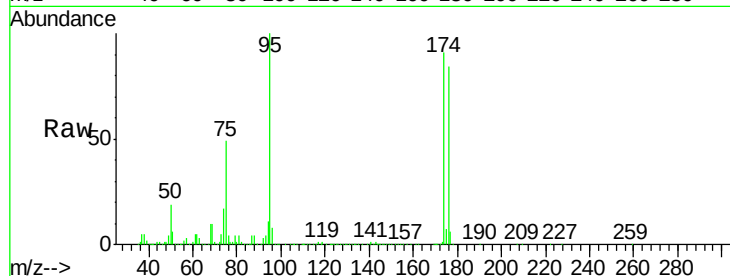




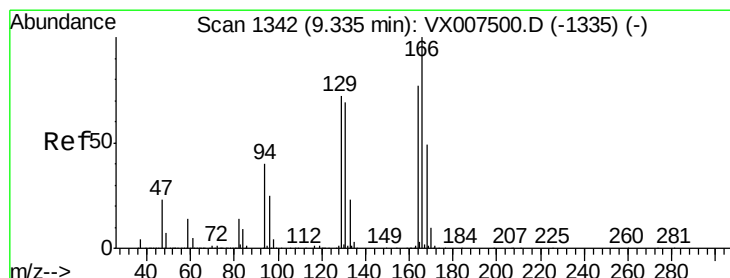
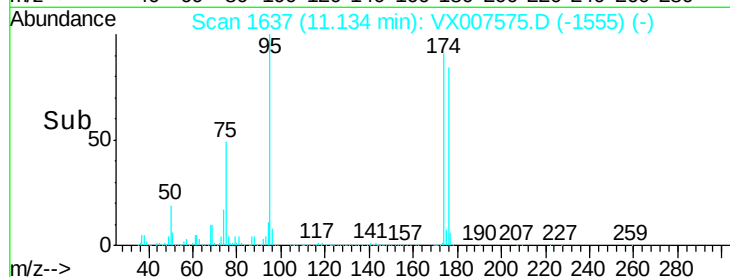
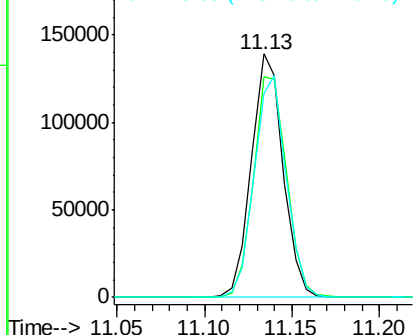
#60
4-Bromofluorobenzene
Concen: 30.380 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 95 Resp: 175549
Ion Ratio Lower Upper
95 100
174 94.7 74.9 112.3
176 91.3 70.7 106.1

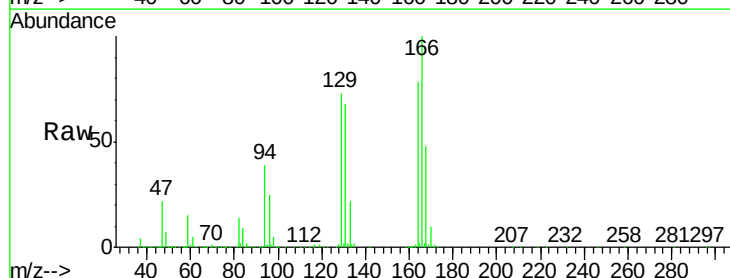


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V

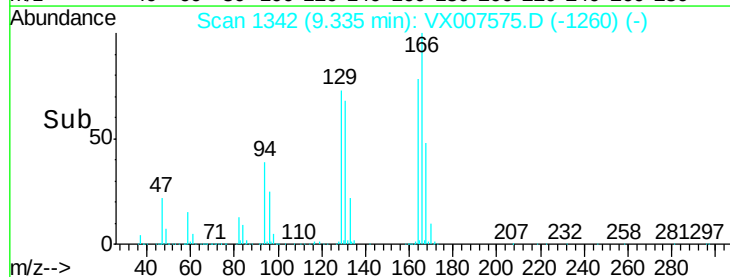
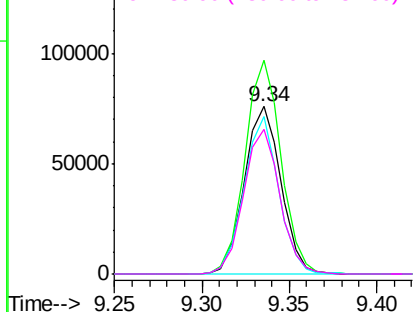


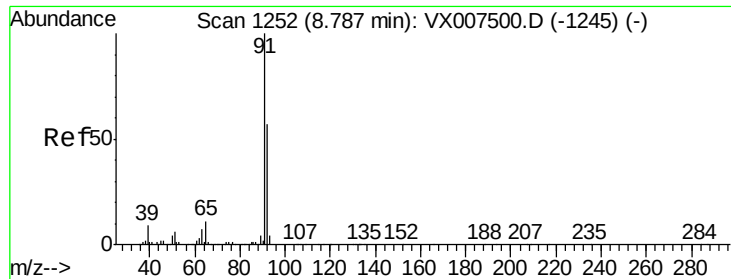
#61
Tetrachloroethene
Concen: 20.596 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion:164 Resp: 110079
Ion Ratio Lower Upper
164 100
166 127.5 103.9 155.9
129 93.6 74.7 112.1
131 86.1 71.7 107.5



Abundance Ion 163.85 (163.55 to 164.55): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.90 (128.60 to 129.60): V
Ion 130.90 (130.60 to 131.60): V





#62

Toluene

Concen: 20.131 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

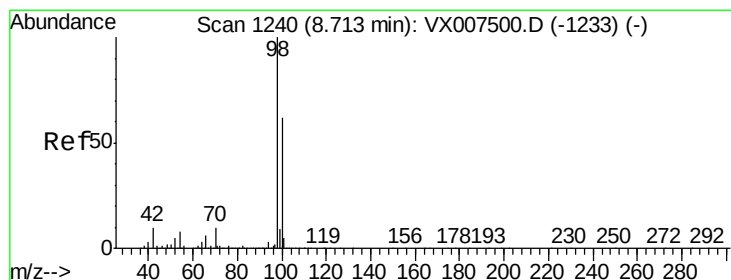
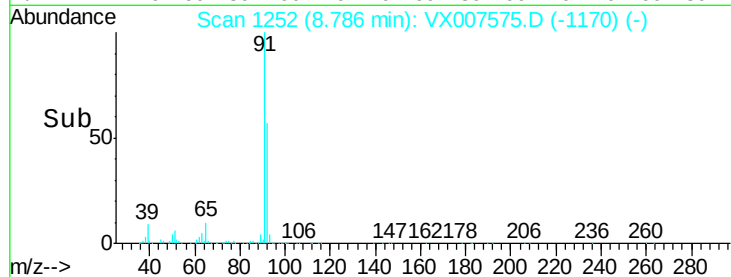
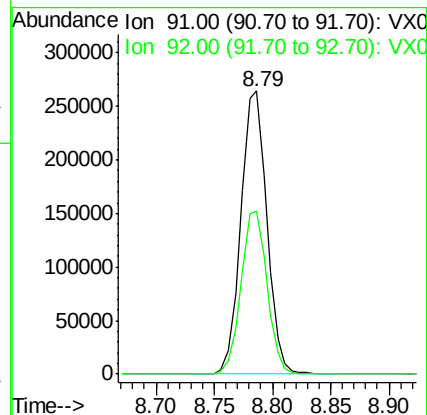
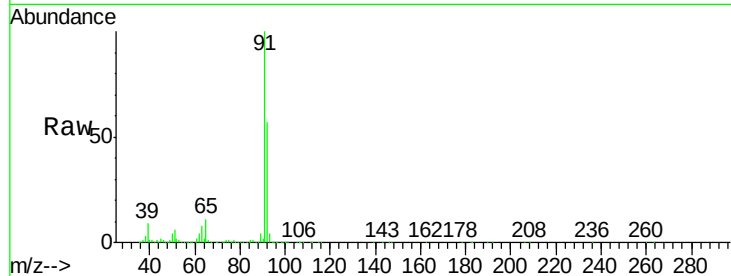
ClientSampled :

Tot Ion: 91 Resp: 412775

Ion Ratio Lower Upper

91 100

92 57.5 46.4 69.6



#63

Toluene-d8

Concen: 30.239 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007575.D

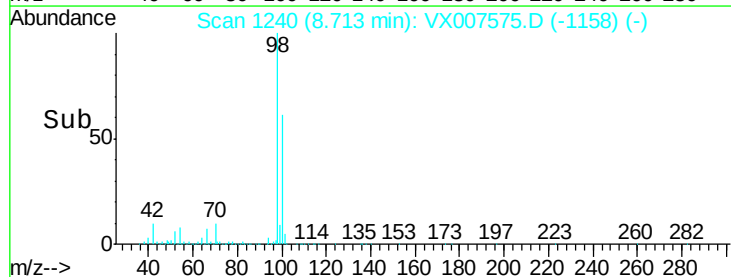
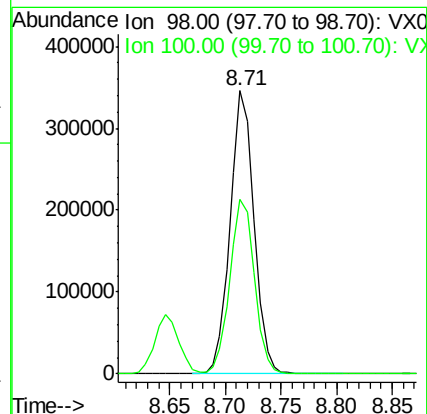
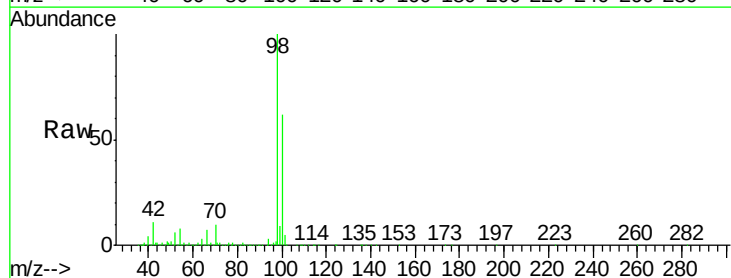
Acq: 15 Feb 2019 18:24

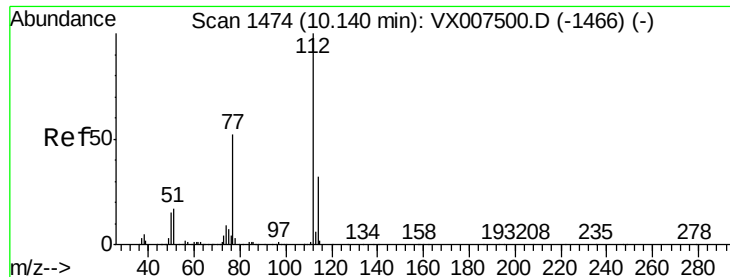
Tgt Ion: 98 Resp: 514566

Ion Ratio Lower Upper

98 100

100 63.0 50.9 76.3





#64

Chlorobenzene

Concen: 20.241 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

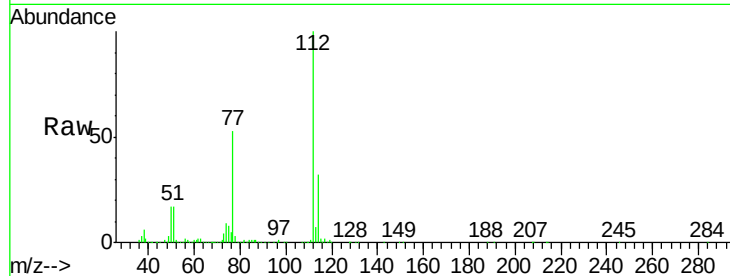
ClientSampleId :

Tot Ion:112 Resp: 269707

Ion Ratio Lower Upper

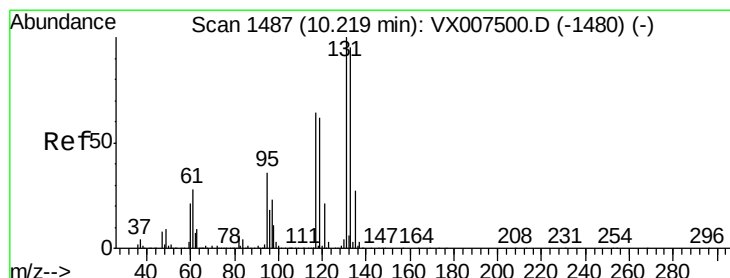
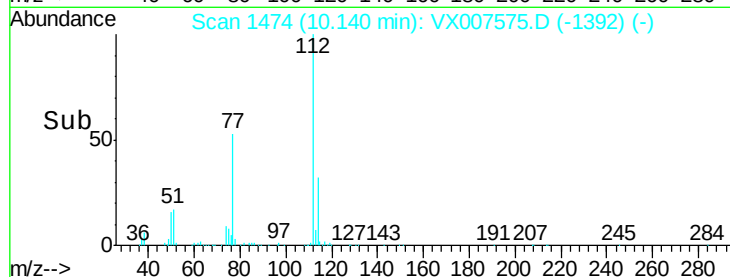
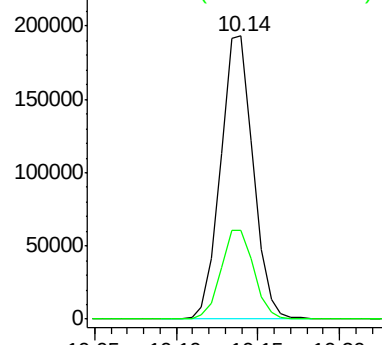
112 100

114 31.6 25.4 38.2



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V



#65

1,1,1,2-Tetrachloroethane

Concen: 19.652 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

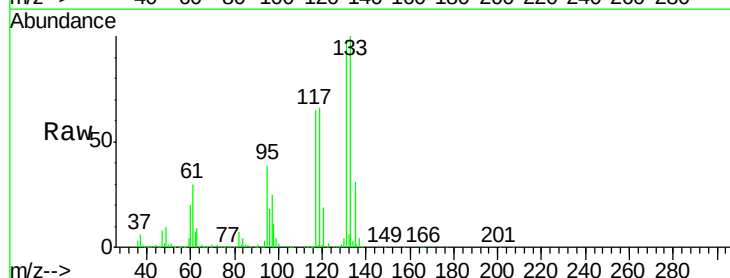
Tgt Ion:131 Resp: 94847

Ion Ratio Lower Upper

131 100

133 97.5 0.0 191.6

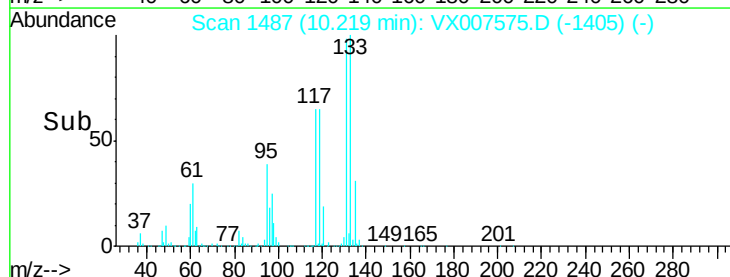
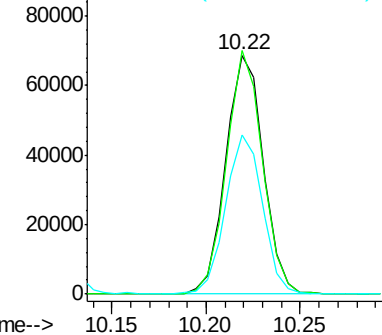
119 65.8 0.0 127.4

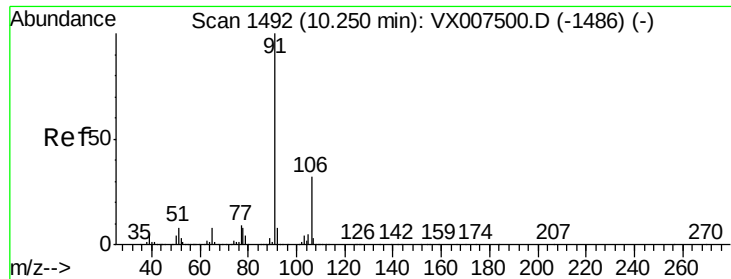


Abundance Ion 131.00 (130.70 to 131.70): V

Ion 133.00 (132.70 to 133.70): V

Ion 119.00 (118.70 to 119.70): V





#66

Ethyl Benzene

Concen: 19.971 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

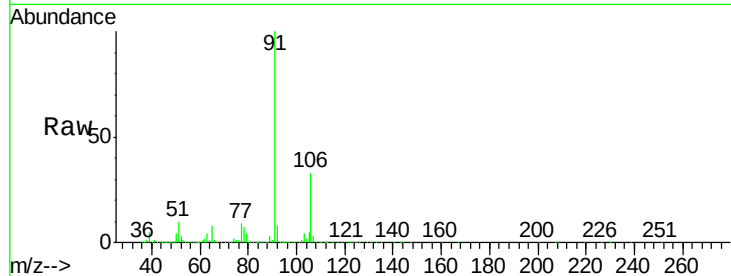
ClientSampleId :

Tot Ion: 91 Resp: 434534

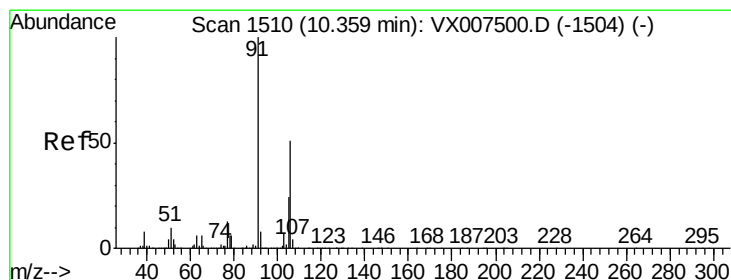
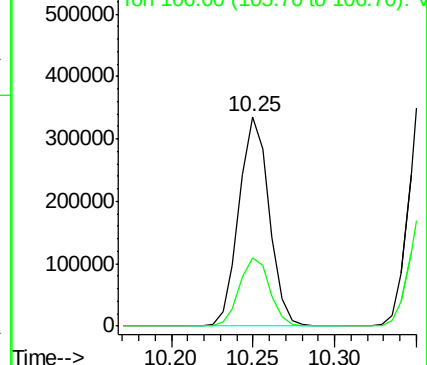
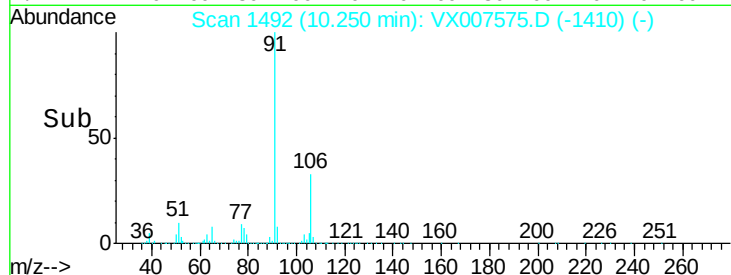
Ion Ratio Lower Upper

91 100

106 32.8 26.0 39.0



Abundance Ion 91.00 (90.70 to 91.70): VX007575.D (-1410) (-)



#67

m/p-Xylenes

Concen: 39.450 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007575.D

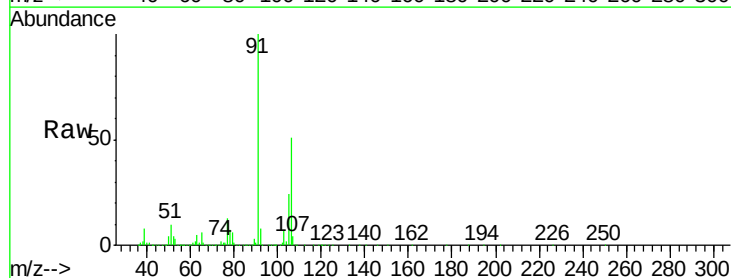
Acq: 15 Feb 2019 18:24

Tgt Ion: 106 Resp: 336676

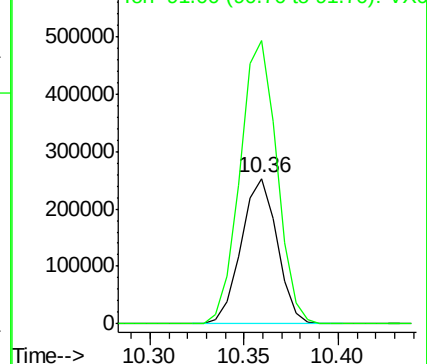
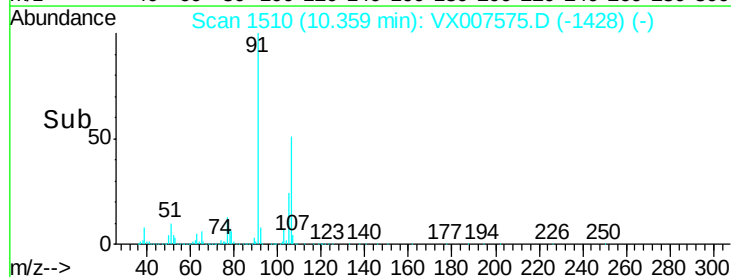
Ion Ratio Lower Upper

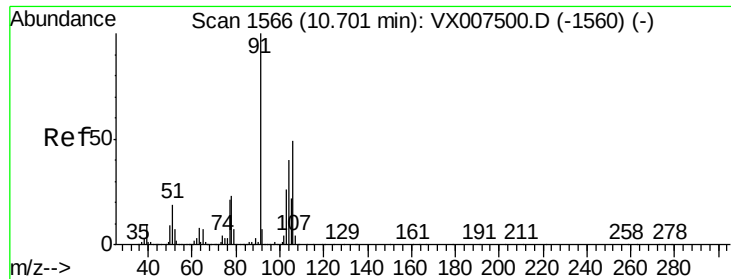
106 100

91 198.9 157.0 235.4



Abundance Ion 106.00 (105.70 to 106.70): VX007575.D (-1428) (-)

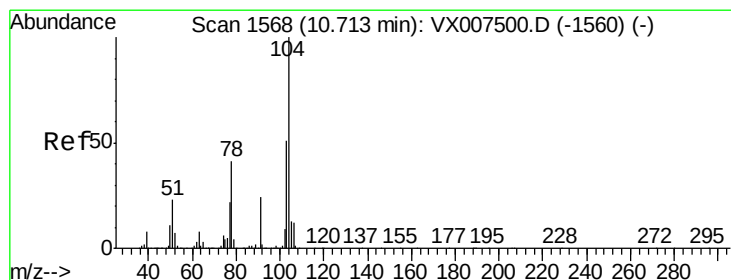
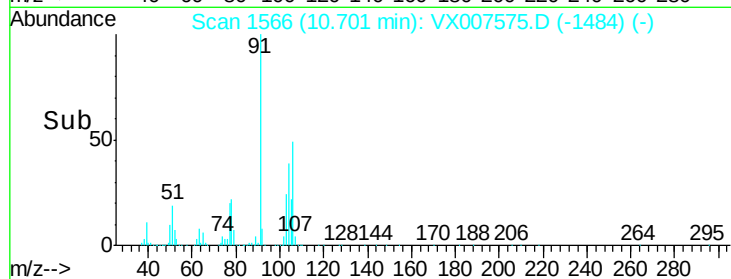
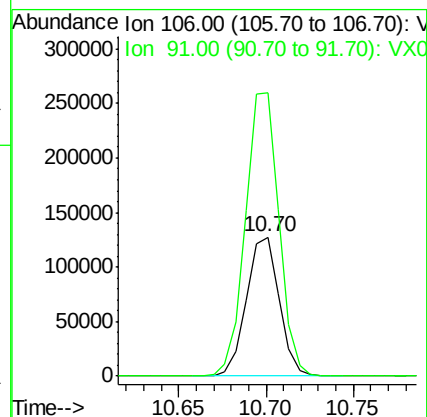
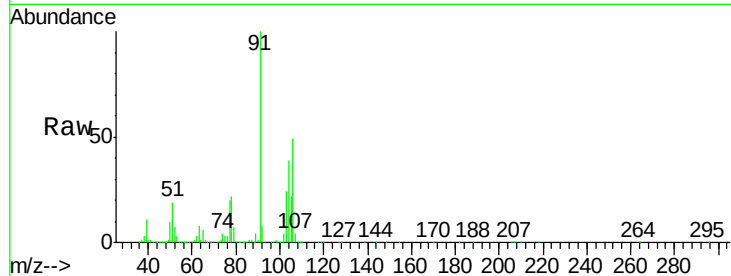




#68
o-Xylene
Concen: 19.940 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

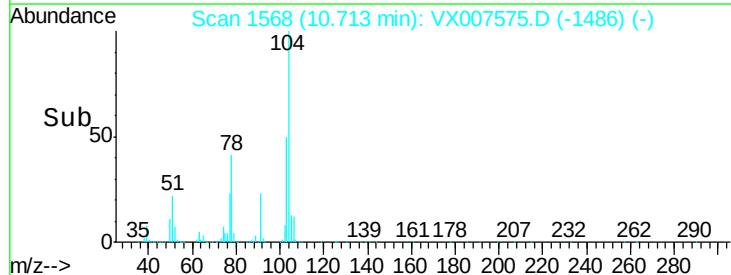
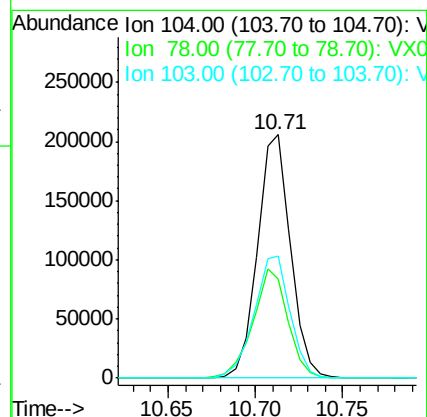
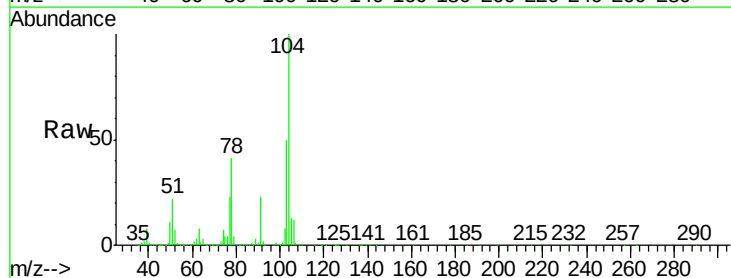
Instrument :
MSVOA_W
ClientSampleId :

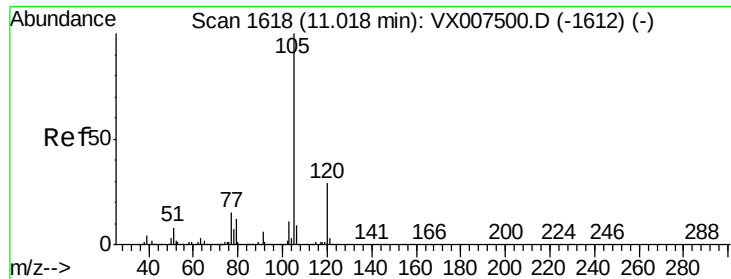
Tot Ion:106 Resp: 165971
Ion Ratio Lower Upper
106 100
91 208.0 104.4 313.2



#69
Styrene
Concen: 20.017 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion:104 Resp: 268859
Ion Ratio Lower Upper
104 100
78 47.4 38.2 57.2
103 55.1 45.0 67.4





#70

Isopropylbenzene

Concen: 20.063 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

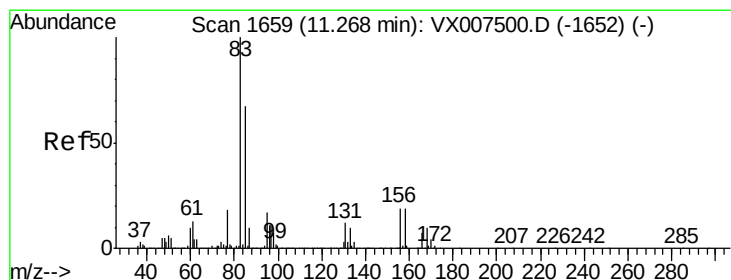
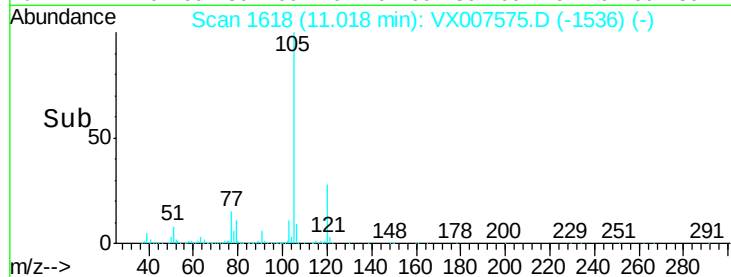
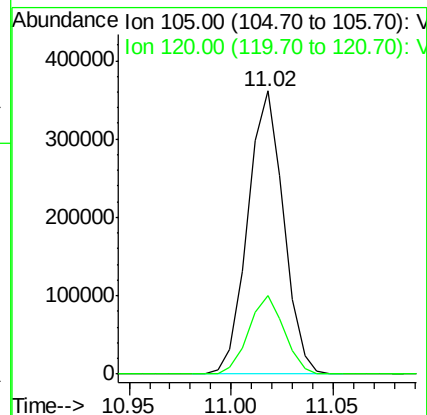
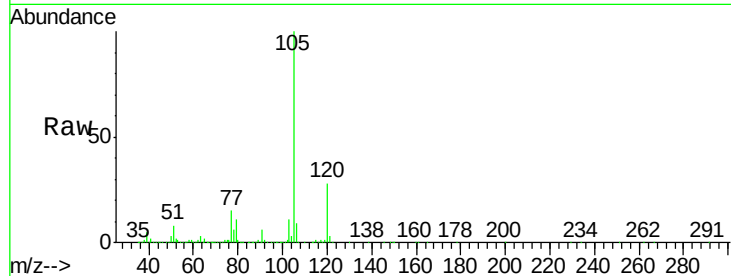
ClientSampleId :

Tot Ion:105 Resp: 440553

Ion Ratio Lower Upper

105 100

120 27.4 19.8 36.8



#71

1,1,2,2-Tetrachloroethane

Concen: 20.538 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

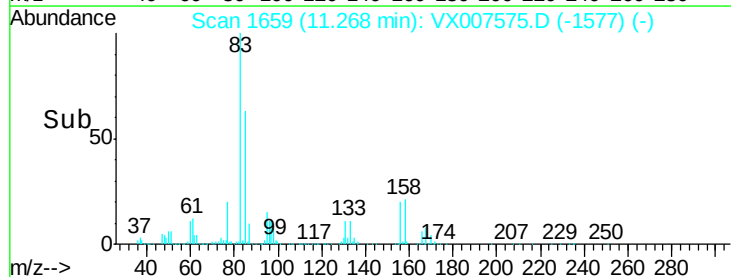
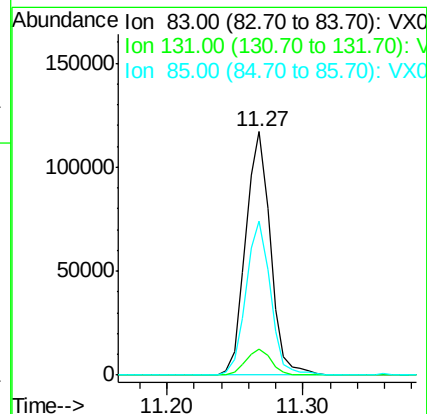
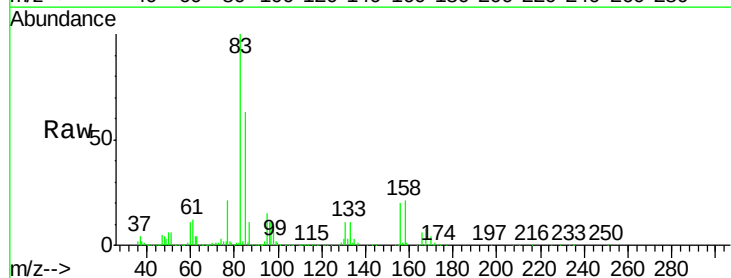
Tgt Ion: 83 Resp: 149086

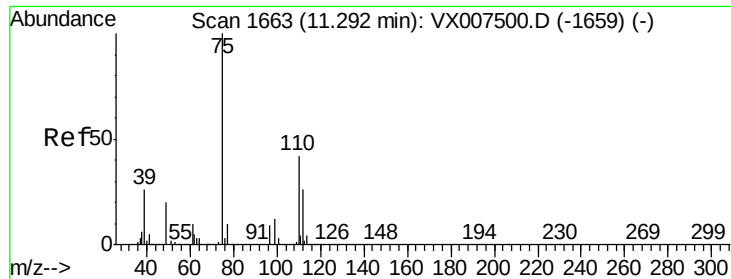
Ion Ratio Lower Upper

83 100

131 11.2 5.4 16.2

85 62.7 32.8 98.4





#72

1,2,3-Trichloropropane

Concen: 24.776 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

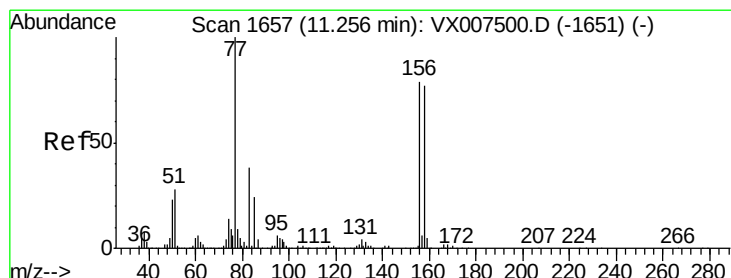
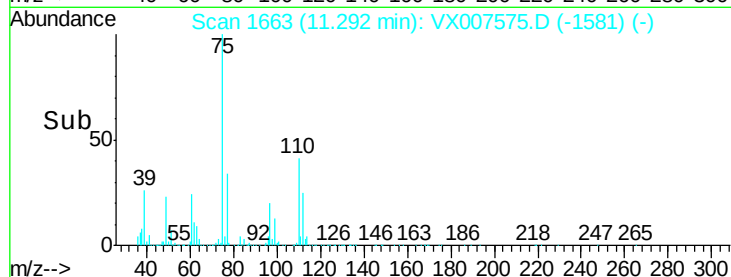
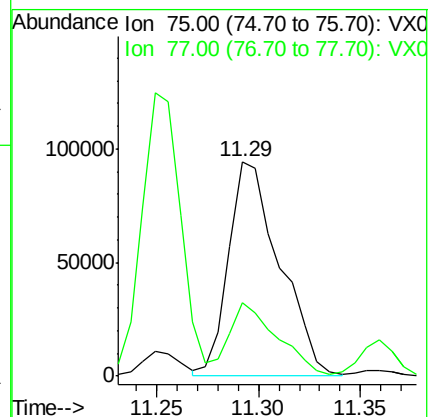
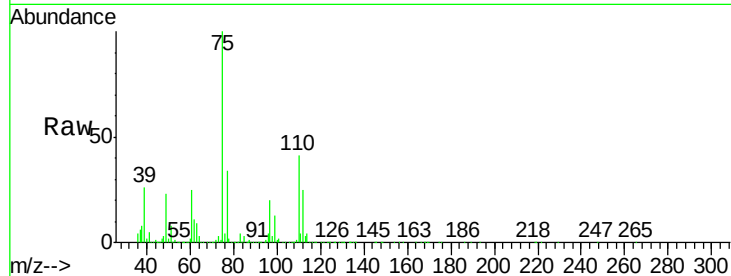
ClientSampled :

Tot Ion: 75 Resp: 164437

Ion Ratio Lower Upper

75 100

77 32.1 0.0 76.4



#73

Bromobenzene

Concen: 20.289 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

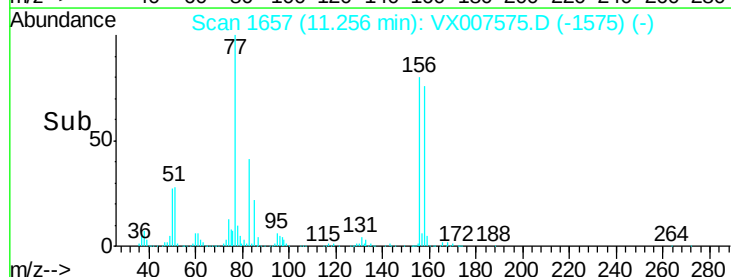
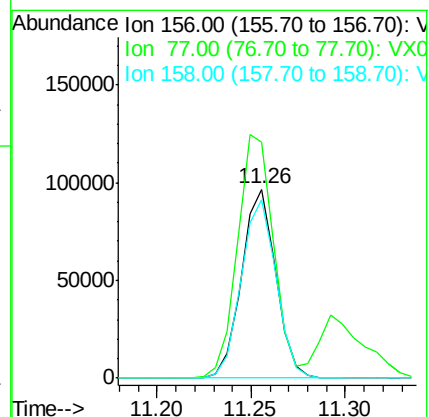
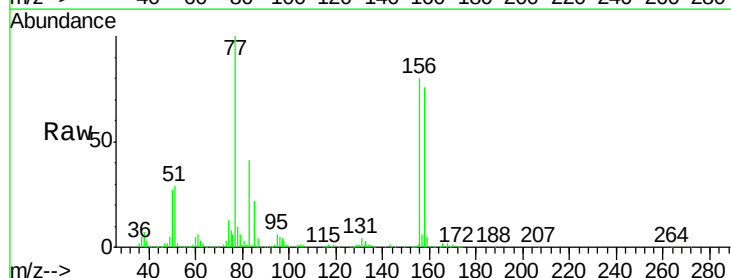
Tgt Ion: 156 Resp: 121637

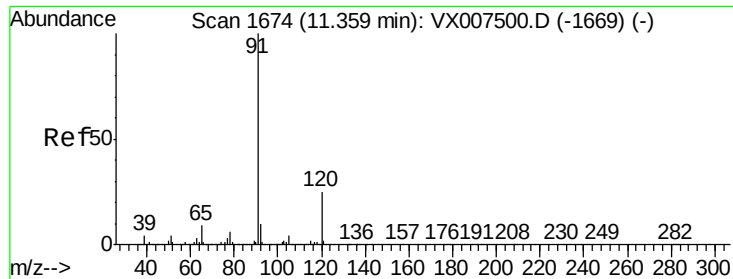
Ion Ratio Lower Upper

156 100

77 134.8 0.0 271.4

158 96.5 0.0 194.0





#74

n-propylbenzene

Concen: 20.203 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

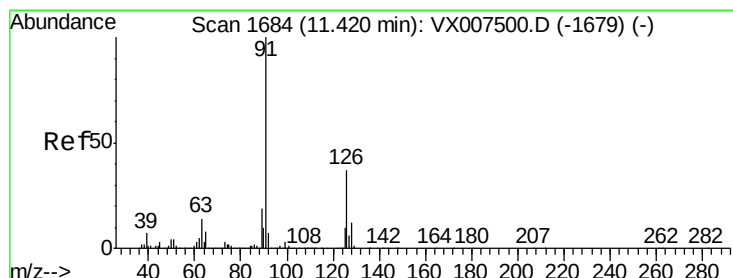
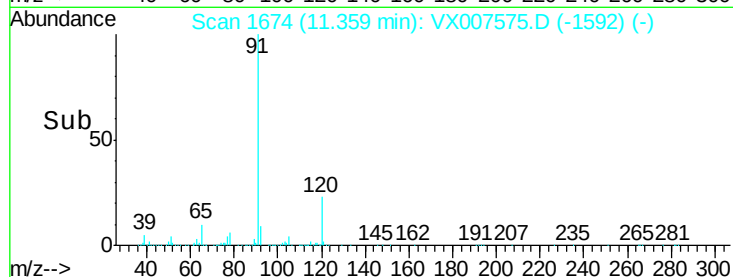
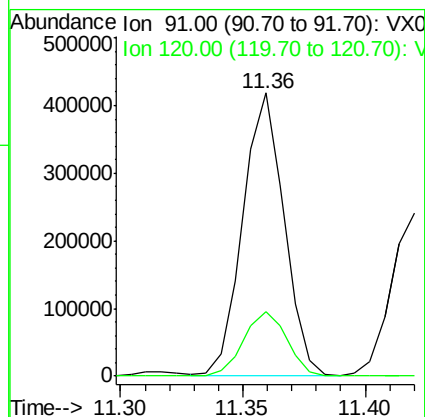
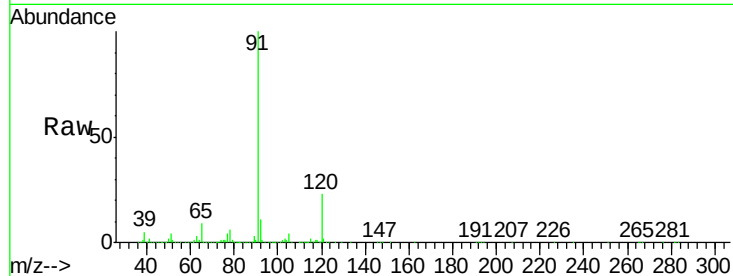
ClientSampled :

Tot Ion: 91 Resp: 492591

Ion Ratio Lower Upper

91 100

120 23.7 0.0 48.6



#75

2-Chlorotoluene

Concen: 20.318 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007575.D

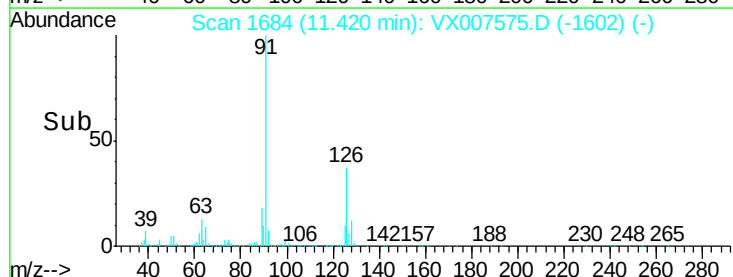
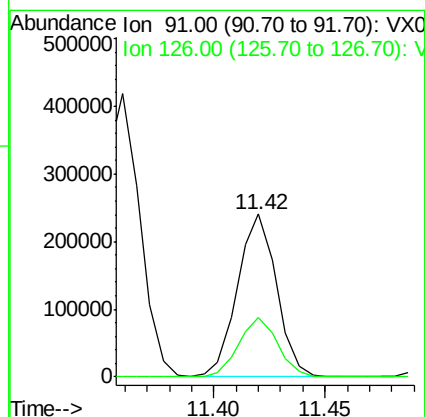
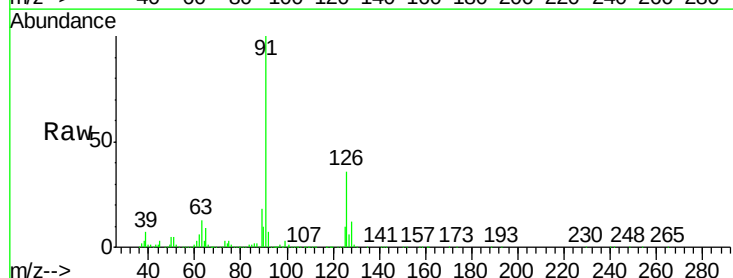
Acq: 15 Feb 2019 18:24

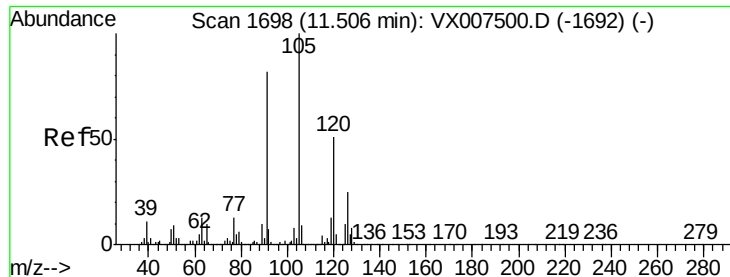
Tgt Ion: 91 Resp: 296204

Ion Ratio Lower Upper

91 100

126 36.2 0.0 75.2





#76

1,3,5-Trimethylbenzene

Concen: 19.935 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

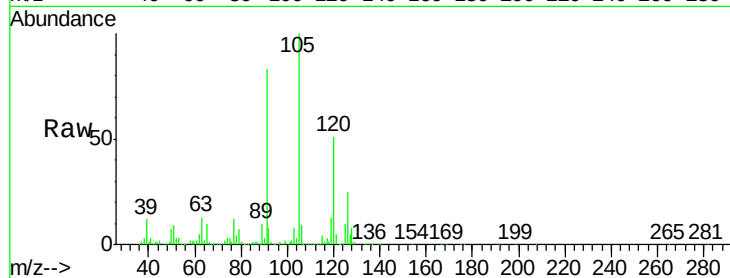
ClientSampleId :

Tot Ion:105 Resp: 357340

Ion Ratio Lower Upper

105 100

120 50.4 0.0 101.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

300000

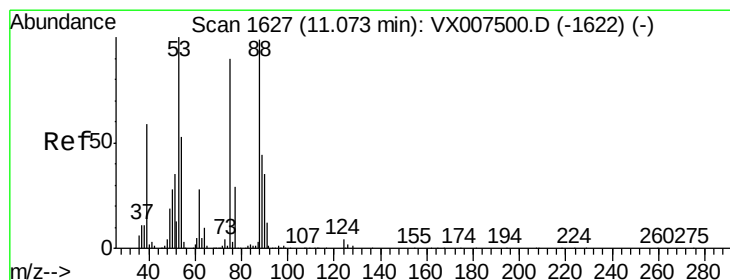
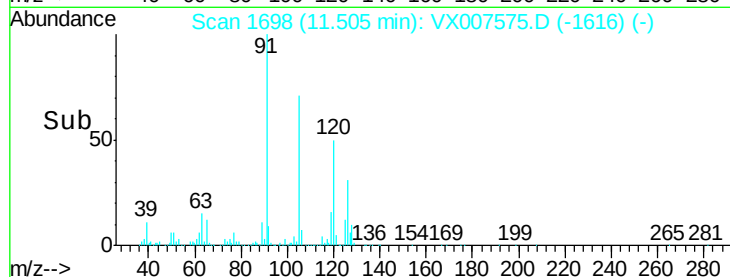
200000

100000

0

11.45 11.50 11.55

Time-->



#77

t-1,4-Dichloro-2-butene

Concen: 20.271 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

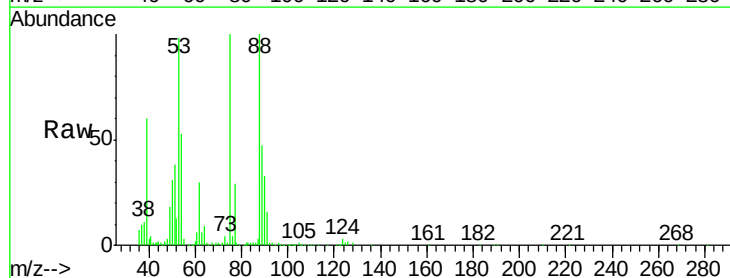
Tgt Ion: 75 Resp: 38835

Ion Ratio Lower Upper

75 100

53 97.8 55.5 166.7

89 47.3 24.4 73.2



Abundance Ion 75.00 (74.70 to 75.70): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 89.00 (88.70 to 89.70): VX0

80000

60000

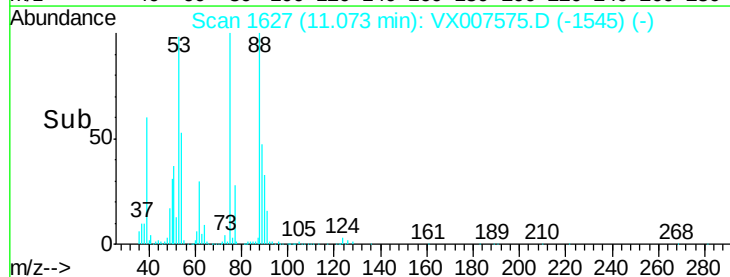
40000

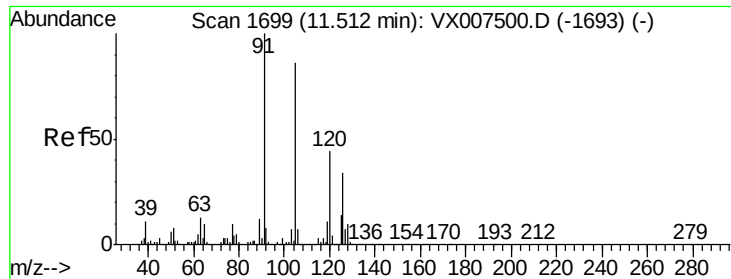
20000

0

11.05 11.10

Time-->





#78

4-Chlorotoluene

Concen: 20.222 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

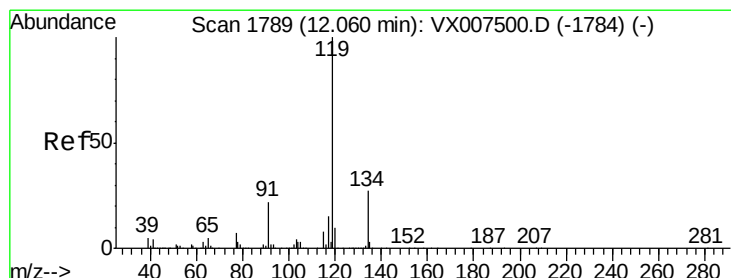
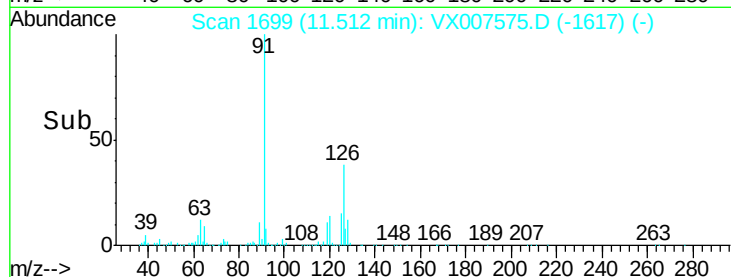
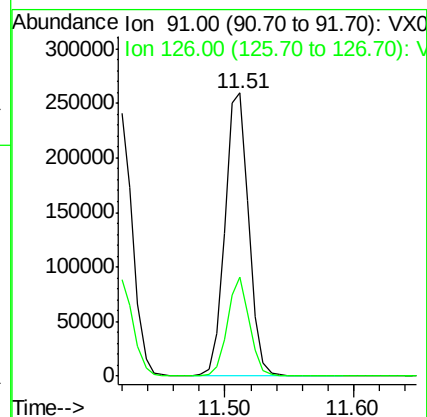
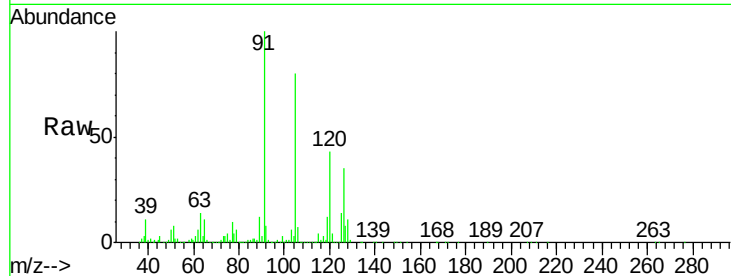
ClientSampled :

Tot Ion: 91 Resp: 336496

Ion Ratio Lower Upper

91 100

126 32.4 0.0 66.2



#79

tert-butylbenzene

Concen: 20.013 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

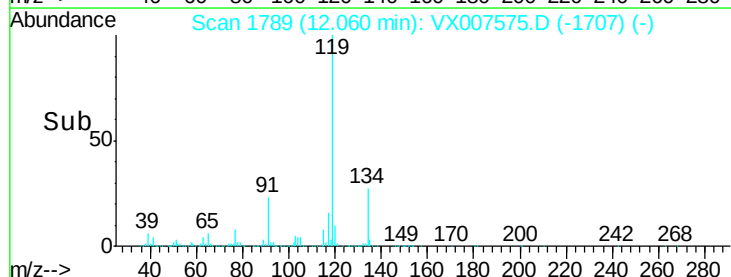
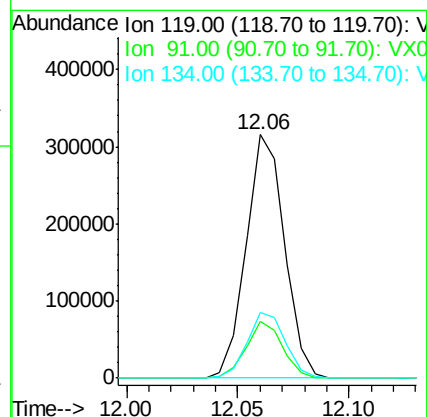
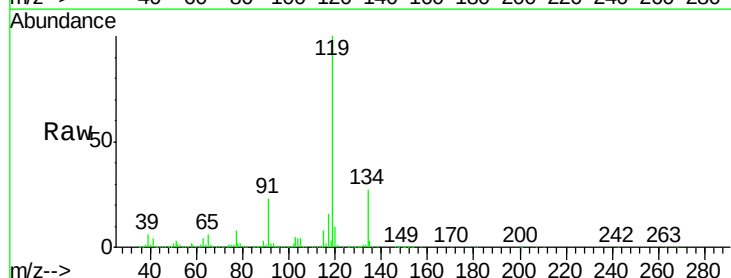
Tgt Ion: 119 Resp: 380932

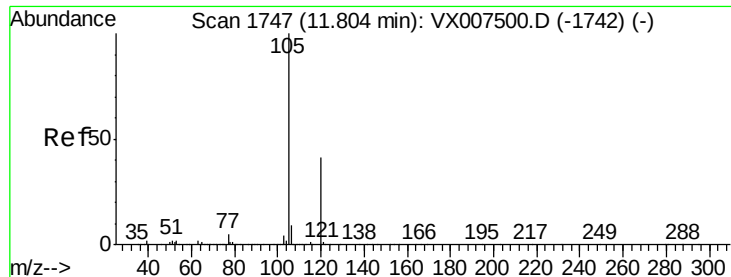
Ion Ratio Lower Upper

119 100

91 22.3 0.0 45.0

134 26.9 0.0 55.4





#80

1,2,4-Trimethylbenzene

Concen: 20.161 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

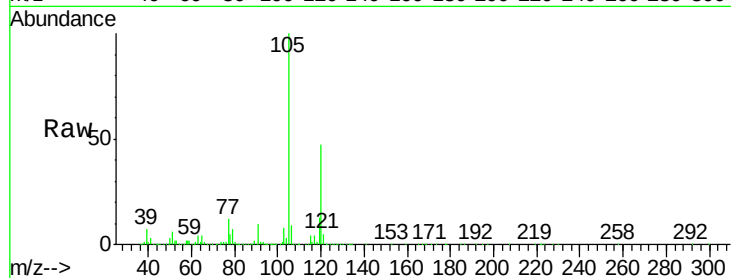
ClientSampleId :

Tot Ion:105 Resp: 366856

Ion Ratio Lower Upper

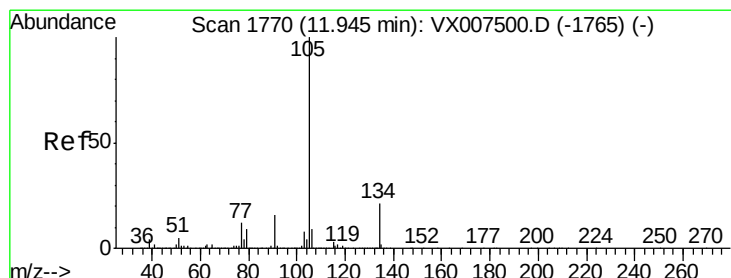
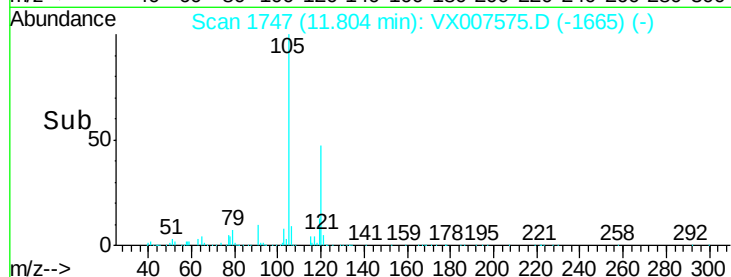
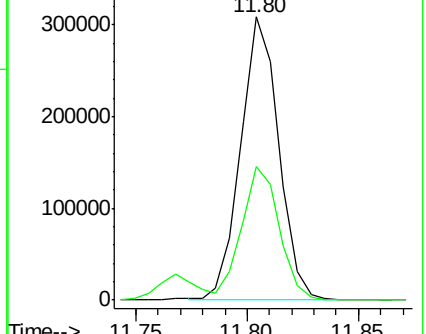
105 100

120 46.7 0.0 94.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#81

sec-Butylbenzene

Concen: 20.026 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007575.D

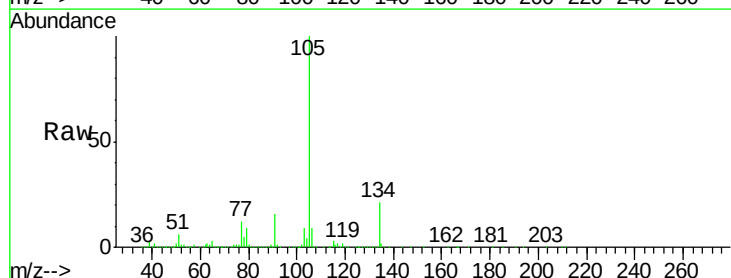
Acq: 15 Feb 2019 18:24

Tgt Ion:105 Resp: 428677

Ion Ratio Lower Upper

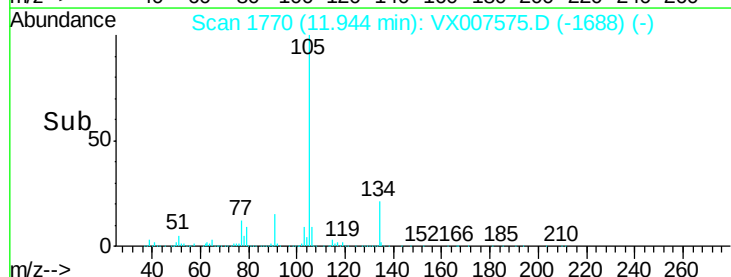
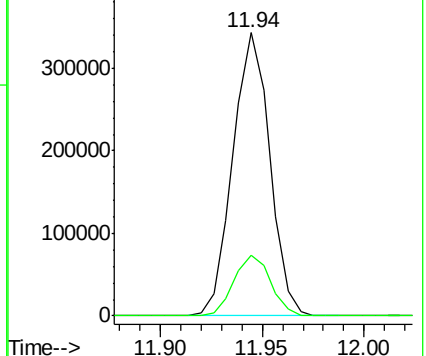
105 100

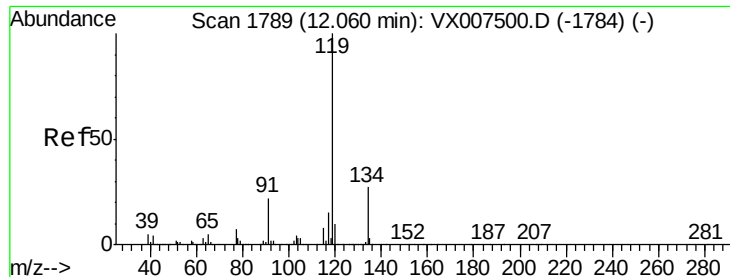
134 21.7 0.0 41.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

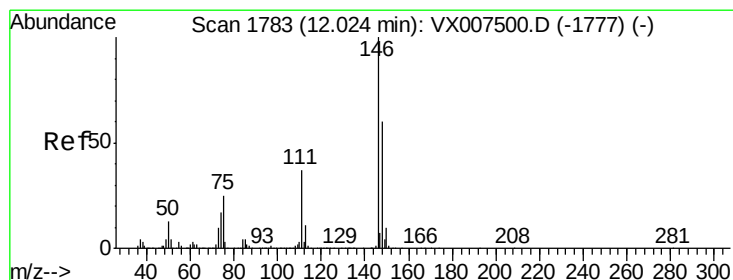
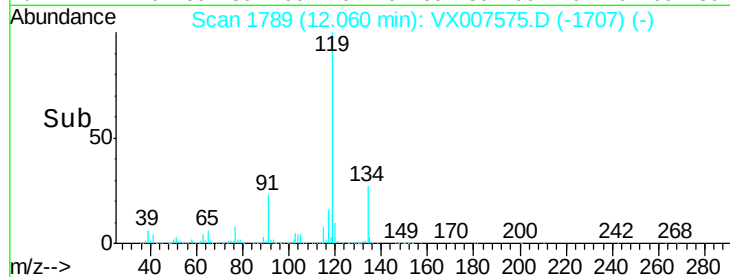
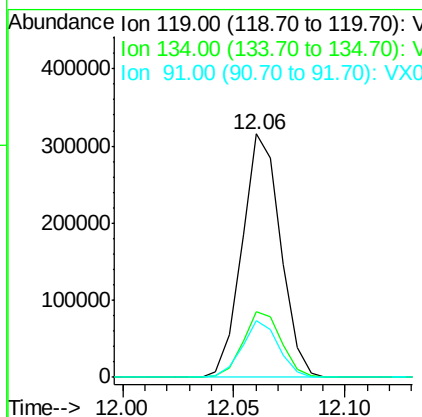
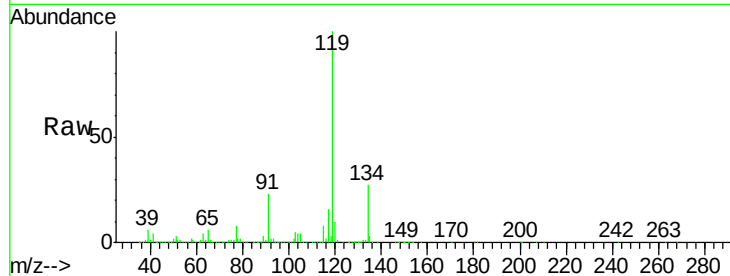




#82
 p-Isopropyltoluene
 Concen: 20.013 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

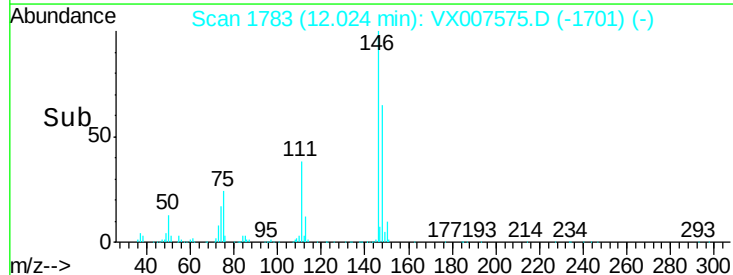
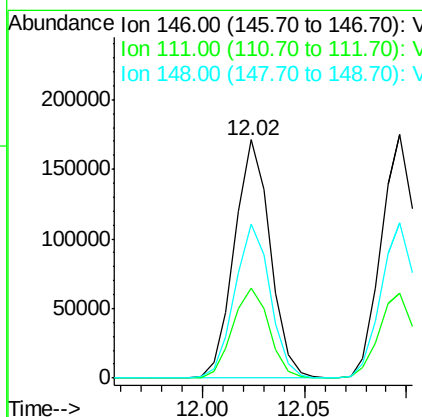
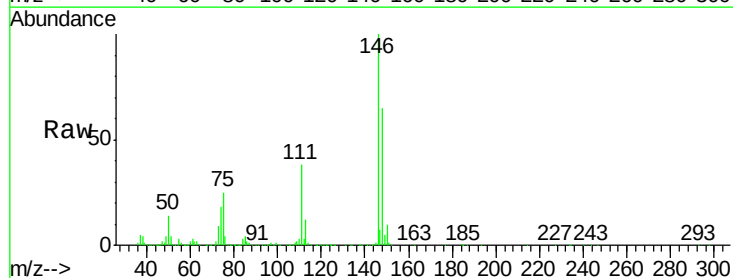
Instrument :
 MSVOA_W
 ClientSampleId :

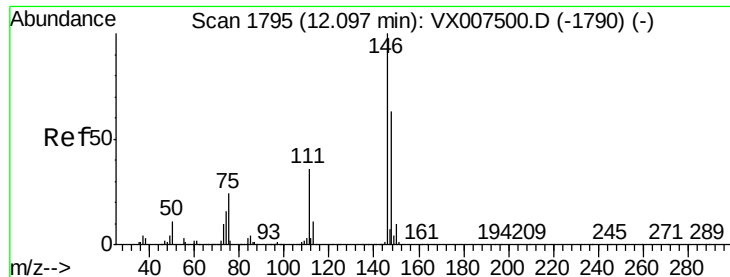
Tot Ion	Ratio	Lower	Upper
119	100		
134	26.9	0.0	55.4
91	22.3	0.0	45.0



#83
 1,3-Dichlorobenzene
 Concen: 19.699 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.8	56.3
148	64.1	30.6	91.8





#84

1,4-Dichlorobenzene

Concen: 19.952 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007575.D

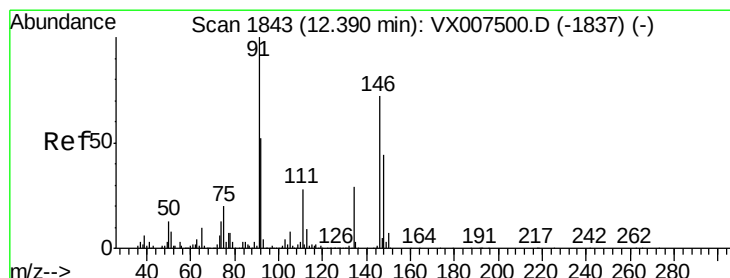
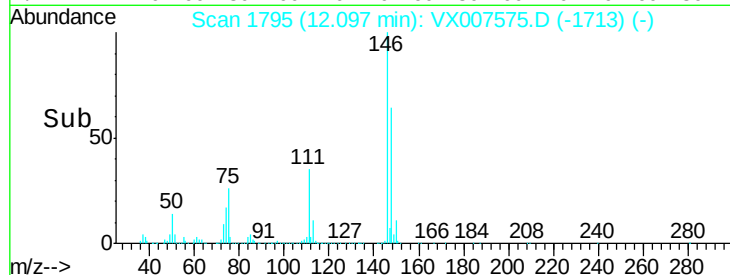
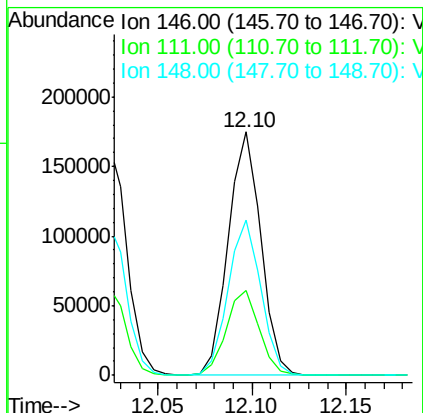
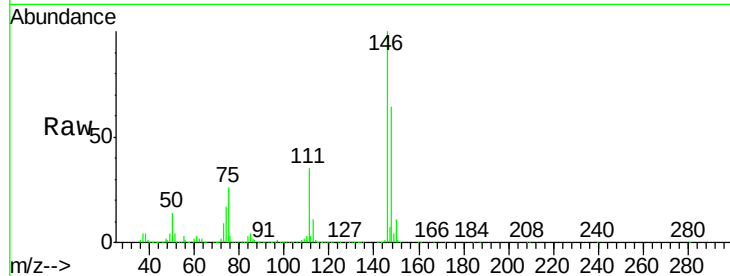
Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

ClientSampled :

Tot Ion:	146	Resp:	209842
Ion	Ratio	Lower	Upper
146	100		
111	35.7	17.6	52.8
148	64.5	31.4	94.2



#85

n-Butylbenzene

Concen: 19.816 ug/l

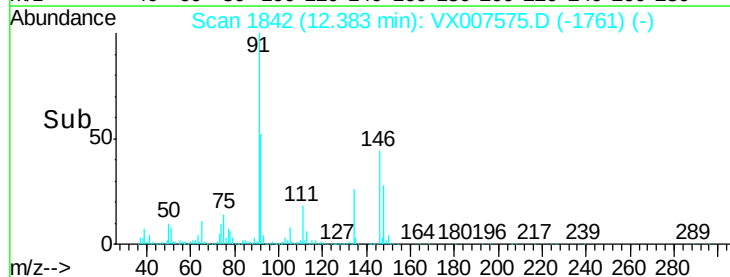
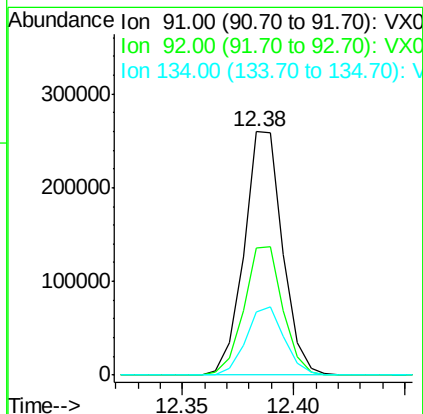
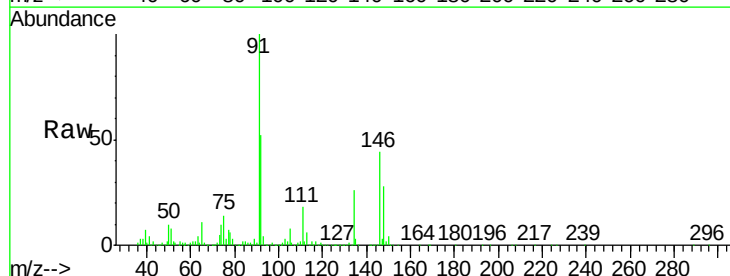
RT: 12.38 min Scan# 1842

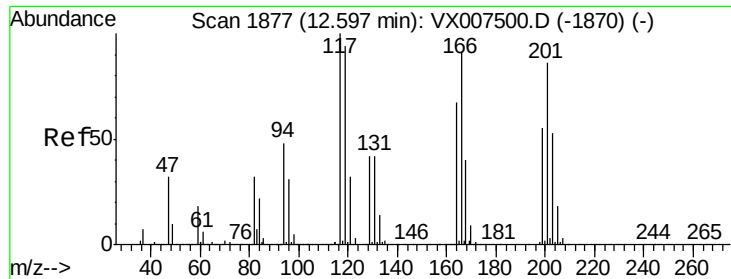
Delta R.T. -0.01 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Tgt Ion:	91	Resp:	312986
Ion	Ratio	Lower	Upper
91	100		
92	53.2	0.0	105.2
134	27.8	0.0	56.4





#86

Hexachloroethane

Concen: 19.189 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

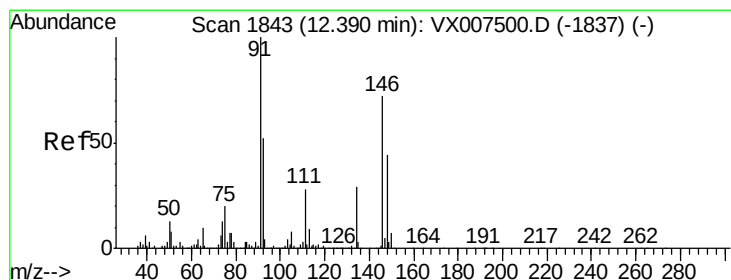
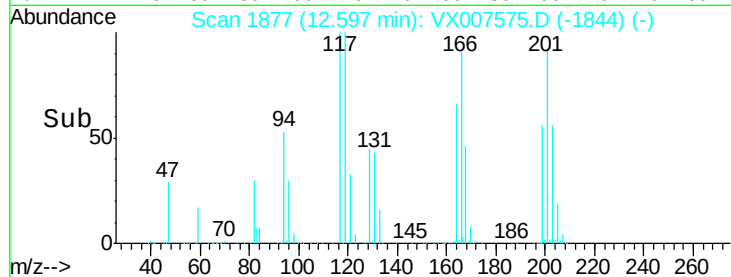
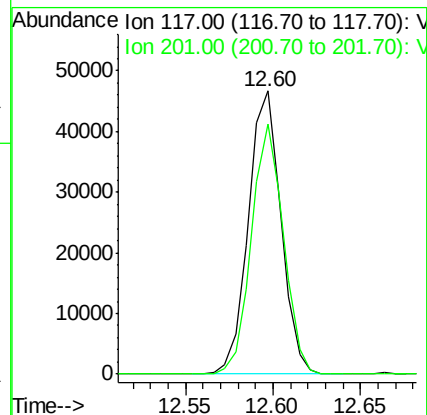
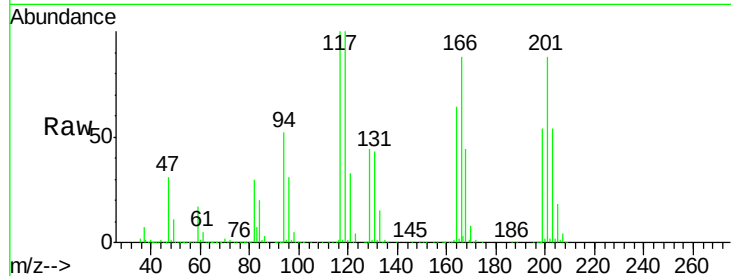
ClientSampleId :

Tot Ion:117 Resp: 60638

Ion Ratio Lower Upper

117 100

201 86.1 41.1 123.3



#87

1,2-Dichlorobenzene

Concen: 19.782 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

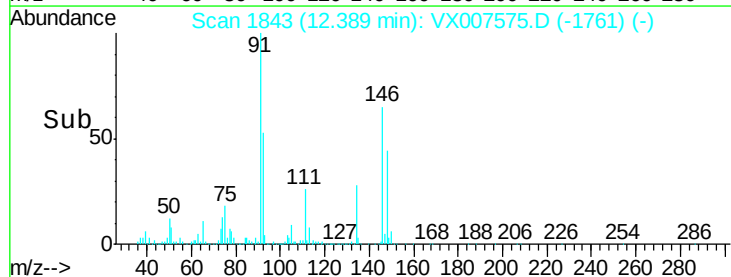
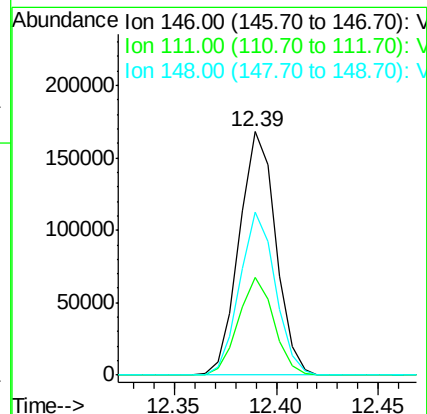
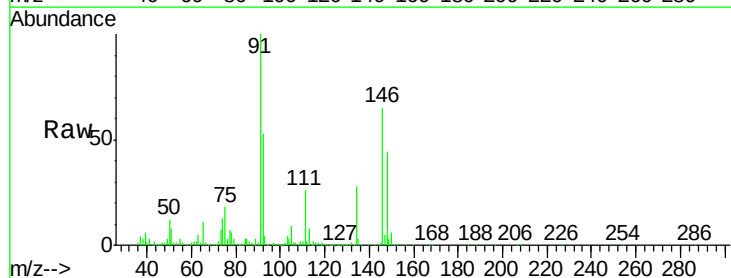
Tgt Ion:146 Resp: 209265

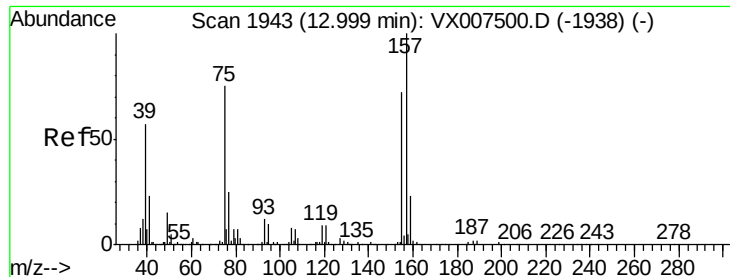
Ion Ratio Lower Upper

146 100

111 38.7 19.3 57.8

148 65.0 32.1 96.3





#88

1,2-Dibromo-3-Chloropropane

Concen: 18.861 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

Instrument :

MSVOA_W

ClientSampleId :

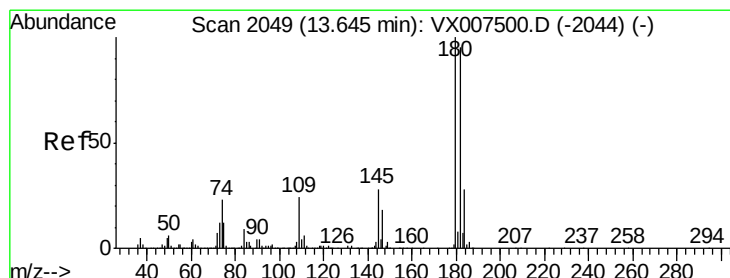
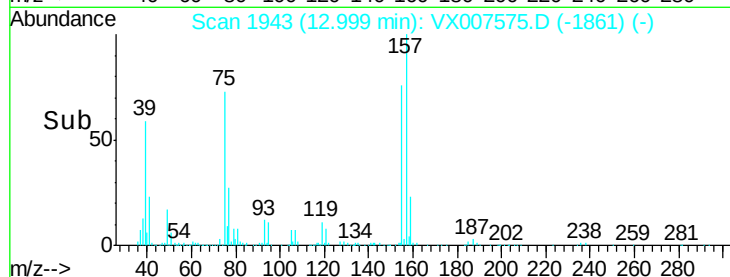
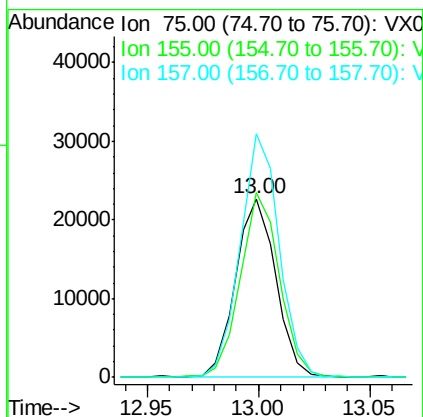
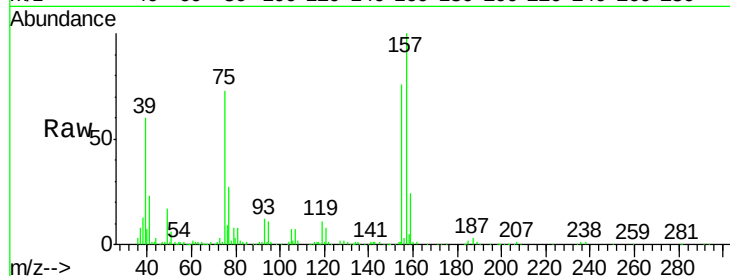
Tot Ion: 75 Resp: 28572

Ion Ratio Lower Upper

75 100

155 101.2 81.0 121.6

157 132.3 103.2 154.8



#89

1,2,4-Trichlorobenzene

Concen: 20.020 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX007575.D

Acq: 15 Feb 2019 18:24

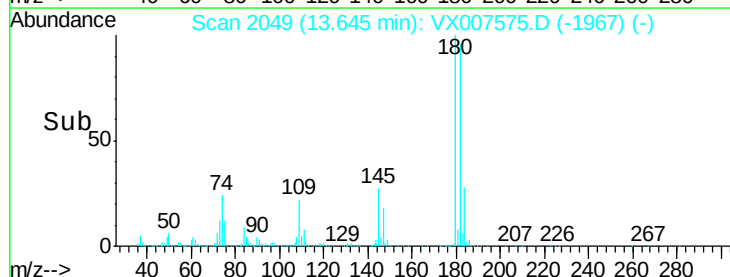
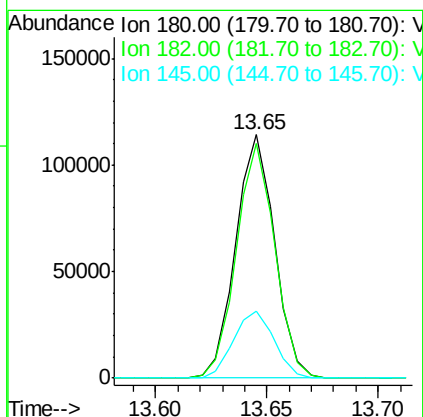
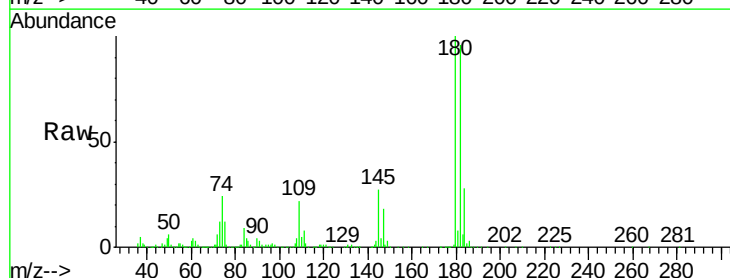
Tgt Ion:180 Resp: 139090

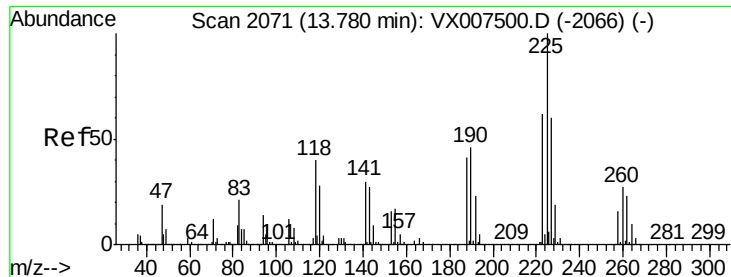
Ion Ratio Lower Upper

180 100

182 95.4 75.6 113.4

145 29.1 23.0 34.6

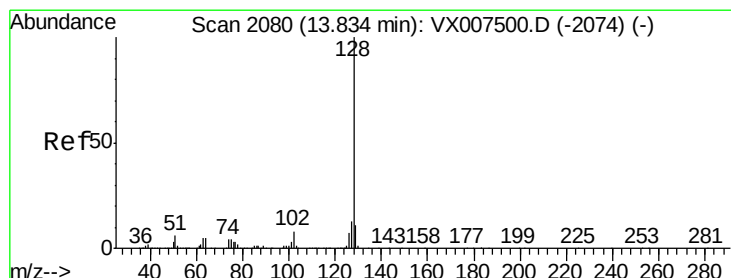
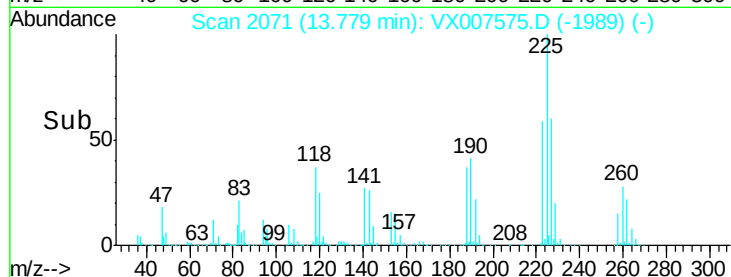
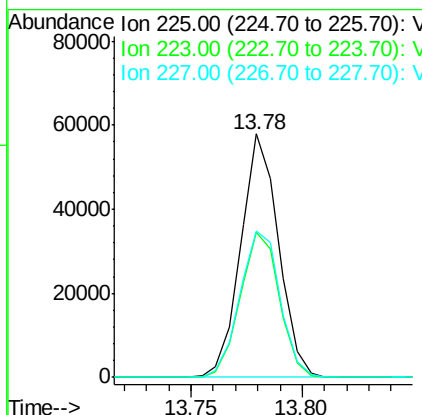
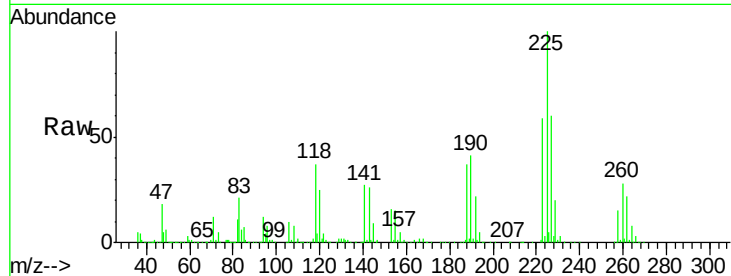




#90
Hexachlorobutadiene
Concen: 21.065 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

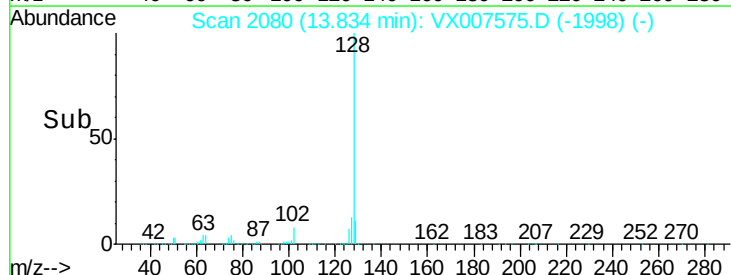
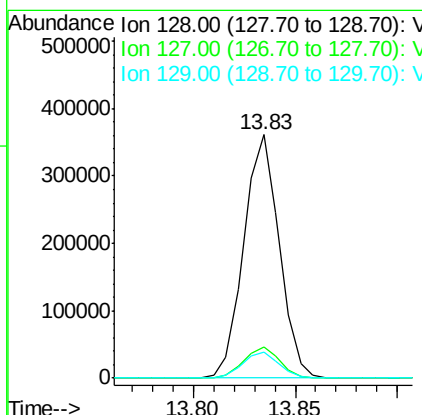
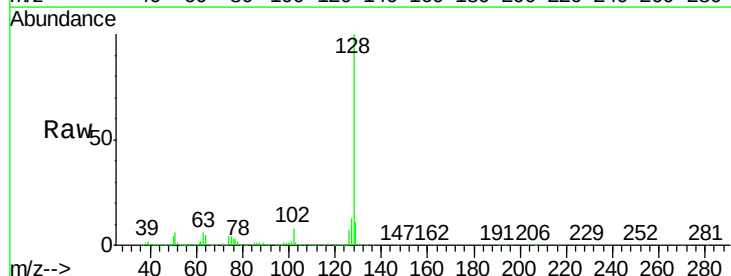
Instrument :
MSVOA_W
ClientSampleId :

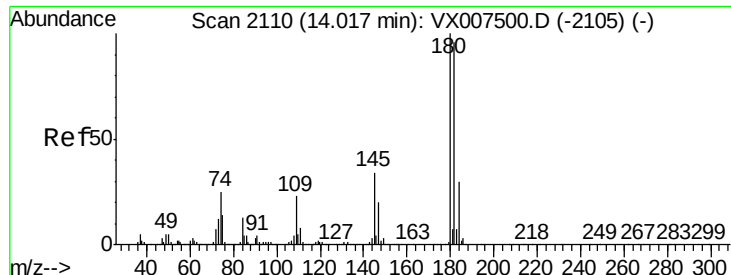
Tot Ion	Ratio	Lower	Upper
225	100		
223	61.6	0.0	123.8
227	63.9	0.0	124.4



#91
Naphthalene
Concen: 19.695 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007575.D
Acq: 15 Feb 2019 18:24

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.5	15.7
129	11.1	8.9	13.3





#92
 1,2,3-Trichlorobenzene
 Concen: 20.036 ug/l
 RT: 14.02 min Scan# 2110
 Delta R.T. -0.00 min
 Lab File: VX007575.D
 Acq: 15 Feb 2019 18:24

Instrument :
 MSVOA_W
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.5	0.0	193.0
145	31.5	0.0	63.0

